

<p>104</p> <p>Zinc White Zinwit Blanc de Zinc Zinwit Blanco de Zinc Blanco di Zinco</p>	<p>105</p> <p>Titanium White Titanium Blanc de Titane Titanium Blanco de Titanio Bianco di Titanio</p>	<p>115</p> <p>Titanium White (Safflower oil, no zinc oxide) Titanium (Safflower oil) Blanc de Titane (Huile de Carthame, sans zinc) Titanium (Huile de Lin, sans zinc) Blanco Titanio (Aceite de Alazor, sin zinc) Bianco di Titanio (Olio di Carama, senza zinco)</p>	<p>118</p> <p>Titanium White (Linseed oil, no zinc oxide) Titanium (Linseed oil) Blanc de Titane (Huile de Lin, sans zinc) Titanium (Linseed oil, sans zinc) Blanco Titanio (Aceite de Linaza, sin zinc) Bianco di Titanio (Olio Lino, senza zinco)</p>	<p>291</p> <p>Titanium Buff Titanium Blanc de Titane Titanium Blanco Titanio Bianco di Titanio</p>	<p>207</p> <p>Cadmium Yellow Lemon Cadmium Yellow Jaune de Cadmium Citron Cadmiumgelb Zitron Amarillo Cadmio Limón Giallo di Cadmio Limone</p>	<p>254</p> <p>Permanent Lemon Yellow Permanent Yellow Jaune Permanent Permanente Gelb Amarillo Permanente Giallo Permanente Limone</p>	<p>275</p> <p>Primary Yellow Primärgelb Jaune Primaire Primärgelb Amarillo Primario Giallo Primario</p>	<p>272</p> <p>Transparent Yellow Medium Transparent Yellow Jaune Transparente Moyen Transparentgelb Mittel Amarillo Transparente Medio Giallo Transparente Medio</p>	<p>283</p> <p>Permanent Yellow Light Permanent Yellow Jaune Permanent Clair Permanente Gelb Hell Amarillo Permanente Claro Giallo Permanente Chiaro</p>
<p>271</p> <p>Cadmium Yellow Medium Cadmiumgelb Mittel Jaune Cadmium Moyen Cadmiumgelb Moyen Amarillo Cadmio Medio Giallo di Cadmio Medio</p>	<p>284</p> <p>Permanent Yellow Medium Permanent Yellow Jaune Permanent Moyen Permanente Gelb Mittel Amarillo Permanente Medio Giallo Permanente Medio</p>	<p>242</p> <p>Aureoline Aureolin Aureolin Aureolin Aureolin</p>	<p>244</p> <p>Indian Yellow Indischgelb Jaune Indien Indischgelb Amarillo Indio Giallo Indiano</p>	<p>222</p> <p>Naples Yellow Light Naplesgelb Licht Jaune de Naples Clair Naplesgelb Hell Amarillo Napoletano Claro Giallo di Napoli Chiaro</p>	<p>223</p> <p>Naples Yellow Deep Naplesgelb Dunkel Jaune de Naples Foncé Naplesgelb Hell Amarillo Napoletano Oscuro Giallo di Napoli Scuro</p>	<p>228</p> <p>Yellow Ochre Light Gelb Ocker Licht Jaune Ocre Clair Gelb Ocker Hell Amarillo Ocre Claro Giallo Ocre Chiaro</p>	<p>285</p> <p>Permanent Yellow Deep Permanent Yellow Jaune Permanent Foncé Permanente Gelb Dunkel Amarillo Permanente Oscuro Giallo Permanente Scuro</p>	<p>210</p> <p>Cadmium Yellow Deep Cadmiumgelb Dunkel Jaune de Cadmium Foncé Cadmiumgelb Dunkel Amarillo Cadmio Oscuro Giallo di Cadmio Scuro</p>	<p>211</p> <p>Cadmium Orange Cadmiumorange Orange de Cadmium Cadmiumorange Amarillo de Cadmio Arancio di Cadmio</p>
<p>266</p> <p>Permanent Orange Permanentorange Orange Permanent Permanenteorange Amarillo Permanente Arancio Permanente</p>	<p>298</p> <p>Royal Orange Königsblau Orange Royale Königsblau Naranja Real Arancio Reale</p>	<p>224</p> <p>Naples Yellow Red Naplesgelb Rot Jaune de Naples Rouge Naplesgelb Rot Amarillo Napoletano Rosso Giallo di Napoli Rossastro</p>	<p>311</p> <p>Vermilion Vermilion Zinnorot Bermillon Vermilione</p>	<p>370</p> <p>Permanent Red Light Permanentred Licht Rouge de Cadmium Clair Permanente Rot Hell Rosso Permanente Chiaro</p>	<p>303</p> <p>Cadmium Red Light Cadmiumrot Licht Rouge de Cadmium Clair Cadmiumrot Hell Rosso Cadmio Claro Rosso di Cadmio Chiaro</p>	<p>340</p> <p>Pyrolo Red Light Pyrolored Licht Rouge Pyrolo Clair Pyrolored Hell Rosso Pyrolo Claro Rosso Chiaro</p>	<p>278</p> <p>Pyrolo Orange Pyroloorange Orange Pyrolo Pyroloorange Amarillo Pyrolo Arancio Pyrolo</p>	<p>317</p> <p>Transparent Red Medium Transparentred Mittel Rouge Transparente Moyen Transparentrot Mittel Rosso Transparente Medio Rosso Transparente Medio</p>	<p>314</p> <p>Cadmium Red Medium Cadmiumrot Mittel Rouge de Cadmium Moyen Cadmiumrot Mittel Rosso Cadmio Medio Rosso di Cadmio Medio</p>
<p>315</p> <p>Pyrolo Red Pyrolored Rouge Pyrolo Pyrolored Rosso Pyrolo</p>	<p>345</p> <p>Pyrolo Red Deep Pyrolored Dunkel Rouge Pyrolo Foncé Pyrolored Dunkel Rosso Pyrolo Oscuro Rosso Pyrolo Scuro</p>	<p>306</p> <p>Cadmium Red Deep Cadmiumrot Dunkel Rouge de Cadmium Foncé Cadmiumrot Dunkel Rosso Cadmio Oscuro Rosso di Cadmio Scuro</p>	<p>364</p> <p>Quinacridone Red Quinacridonrot Rouge Quinacridone Quinacridonrot Rosso Quinacridone Rosso Quinacridone</p>	<p>318</p> <p>Carmin Karmis Carmin Karmis Carmin Carmino</p>	<p>389</p> <p>Madder Lake Kraplak Laque de Garance Madder Lacca di Garanza</p>	<p>369</p> <p>Primary Magenta Primärmagenta Magenta Primaire Primärmagenta Rosso Primario Rosso Primario</p>	<p>356</p> <p>Potter's Pink Pottersrosen Rose de Poterie Tollrosen Rosa Murron Rosa Porcellana</p>	<p>330</p> <p>Persian Rose Persischerose Rose de Perse Persischerose Rosa di Persia Rosa di Persia</p>	<p>357</p> <p>Rose Rosa Rosa Rosa Rosa</p>
<p>577</p> <p>Permanent Red Violet Light Permanent Red Violet Violet Rouge Permanent Clair Permanentviolett Hell Violetto Rosso Permanente Chiaro Violetto Rossastro Permanente</p>	<p>537</p> <p>Permanent Violet Medium Permanent Violet Violet Permanent Moyen Permanentviolett Mittel Violetto Rosso Permanente Medio Violetto Rossastro Permanente Medio</p>	<p>567</p> <p>Permanent Red Violet Permanentred Violet Violet Rouge Permanent Permanentviolett Mittel Violetto Rosso Permanente Violetto Rossastro Permanente</p>	<p>323</p> <p>Burnt Carmine Karmis Gelbrand Carmin Brûlé Karmis Gelbrand Carmin Brûlé Carmino Bruciato</p>	<p>536</p> <p>Violet Violet Violet Violet Violetto</p>	<p>593</p> <p>Quinacridone Purple Blush Quinacridonpurpur Blauwaching Rouge Quinacridone Blouâtre Chinacridonpurpur Blau Purpura Quinacridone Assaiolato Violetto Viola Blauastro</p>	<p>568</p> <p>Permanent Blue Violet Quinacridonviolett Violetto Blauviolett Violetto Blauviolett Violetto Blauviolett Violetto Blauviolett</p>	<p>507</p> <p>Ultramarine Violet Ultramarinviolett Violet Ultramarine Ultramarinviolett Violetto Ultramarino Violetto Ultramarino</p>	<p>548</p> <p>Blue Violet Violet Blouâtre Blauviolett Violetto Assaiolato Violetto Permanente Blauastro</p>	<p>562</p> <p>Greyish Blue Grüblau Bleu Grisâtre Grüblau Azul Grisáceo Blu Grigio</p>
<p>504</p> <p>Ultramarine Ultramarin Ultramarin Azul Ultramar Oltremare</p>	<p>511</p> <p>Cobalt Blue Kobaltblau Bleu de Cobalt Kobaltblau Azul Cobalto Blu di Cobalto</p>	<p>512</p> <p>Cobalt Blue (Ultramarine) Kobaltblau (Ultramarin) Bleu de Cobalt (Oltremare) Kobaltblau (Ultramarin) Azul Cobalto (Ultramar) Blu di Cobalto (Oltremare)</p>	<p>517</p> <p>King's Blue Königsblau Bleu Royal Königsblau Azul Real Blu Reale</p>	<p>508</p> <p>Prussian Blue Preussischblau Bleu de Prusse Preussischblau Azul de Prussia Blu di Prussia</p>	<p>533</p> <p>Indigo indigo indigo indigo Indico</p>	<p>534</p> <p>Cerulean Blue Ceruleumblau Bleu Céruleum Célesteblau Azul Ceruleo Blu Ceruleo</p>	<p>535</p> <p>Cerulean Blue (Phthalo) Ceruleumblau (Phthalo) Bleu Céruleum (Phthalo) Célesteblau (Phthalo) Azul Ceruleo (Falso) Blu Ceruleo (Falso)</p>	<p>570</p> <p>Phthalo Blue Phthalblau Bleu Phthalo Phthalblau Azul Falso</p>	<p>572</p> <p>Primary Cyan Primärcyan Cyan Primaire Primärcyan Ciano Primario</p>
<p>522</p> <p>Turquoise Blue Türkisblau Bleu Turquoise Türkisblau Azul Turquesa Blu Turchese</p>	<p>542</p> <p>Caribbean Blue Karibblau Bleu Caraïbes Karibblau Azul Caribe Blu Caraibi</p>	<p>565</p> <p>Phthalo Turquoise Blue Phthalblau Bleu Turquoise Phthalo Phthalblau Azul Turquesa (Ultramar) Blu Turchese Falso</p>	<p>683</p> <p>Ultramarine Green Ultramaringrün Vert Ultramarin Ultramarin Verde Ultramar Verde Oltremare</p>	<p>233</p> <p>Chrysine Gelbgrün Chrysine Gelbgrün Chrysine</p>	<p>617</p> <p>Yellowish Green Gelbgrün Vert jaunâtre Gelbgrün Verde Amarello Verde Gallastro</p>	<p>618</p> <p>Permanent Green Light Permanentgrün Licht Vert Permanent Clair Permanentgrün Hell Verde Permanente Chiaro Verde Permanente Chiaro</p>	<p>611</p> <p>Pastel Green Blue Pastellgrünblau Vert Bleu Pastel Grünblau Pastell Azul Verdoso Pastel Verde Blu Pastello</p>	<p>615</p> <p>Emerald Green Smaragdgrün Vert Émeraude Smaragdgrün Verde Esmeralda Verde Esmeralda</p>	<p>616</p> <p>Vivid Green Vividgrün Vert Émeraude Chromogreen Verde Esmeralda Verde Vividano</p>
<p>675</p> <p>Phthalo Green Phthalgrün Vert de Phthalo Phthalgrün Verde Falso</p>	<p>619</p> <p>Permanent Green Deep Permanentgrün Dunkel Vert Permanent Foncé Permanentgrün Dunkel Verde Permanente Oscuro Verde Permanente Scuro</p>	<p>623</p> <p>Sage Green Salbei Vert de Sauge Salbei Verde Nappa Verde Vesica</p>	<p>620</p> <p>Olive Green Olivengrün Vert Olive Olivengrün Verde Oliva Verde Oliva</p>	<p>639</p> <p>Olive Green Yellow Olivengrün Gelb Vert Jaune Ocre Olivgrün-Gelb Verde Olio Amarello Verde Olio Gallastro</p>	<p>281</p> <p>Transparent Yellow Green Transparentgrün Jaune Transparent Vert Transparentgelb Grün Amarillo Transparente Verde Giallo Transparente Verdastro</p>	<p>668</p> <p>Chromium Oxide Green Chromoxidgrün Vert Oxyde de Chrome Chromoxidgrün Verde Ossido di Cromo Verde Ossido di Cromo</p>	<p>227</p> <p>Yellow Ochre Gelb Ocker Jaune Ocre Gelb Ocker Ocre Amarello Ocre Giallo</p>	<p>615</p> <p>Gold Ochre Gouddor Ocre d'Or Gouddor Ocre Oro Ocre d'Oro</p>	<p>234</p> <p>Raw Sienna Sienna Naturelle Terre de Sienna Naturelle Sienna Natur Terre Siena Naturale Terre di Siena Naturale</p>
<p>436</p> <p>Red Earth Rote Erde Terre Rouge Rouge Tierra Roja Terre Rossa</p>	<p>339</p> <p>Light Oxide Red Eisenoxidrot Rouge Angas Eisenoxidrot Rosso Inglese Rosso Inglese</p>	<p>324</p> <p>Permanent Madder Brown Permanentmadder Braun Brun Lique de Garance Permanent Permanentmadder Braun Laca Grana Permanente Pardo Bruno di Garanza Permanente</p>	<p>411</p> <p>Burnt Sienna Sienna Gelbrand Terre de Sienna Brûlée Sienna Gelbrand Terre Siena Tostada Terre di Siena Bruciata</p>	<p>419</p> <p>Transparent Red Ochre Transparentrot Ocker Rouge Oxyde Transparent Transparentrot Ocker Rosso Ocre Transparente Rosso Ocre Transparente</p>	<p>378</p> <p>Transparent Oxide Red Transparentrot Rouge Oxyde Transparent Transparentrot Ocker Rosso Ocre Transparente Rosso Ocre Transparente</p>	<p>265</p> <p>Transparent Oxide Yellow Transparentorange Jaune Oxyde Transparent Transparentorange Amarillo Ocreo Transparente Giallo Ocreo Transparente</p>	<p>408</p> <p>Raw Umber Ocker Natur Terre d'Ombre Naturelle Umber Natur Terre Sombra Naturale Terre d'Ombra Naturale</p>	<p>409</p> <p>Burnt Umber Ocker Gelbrand Terre d'Ombre Brûlée Umber Gelbrand Terre Sombra Tostada Terre d'Ombra Bruciata</p>	<p>414</p> <p>Alphabum Alfa Alphab Alphab Alphab Blume</p>
<p>403</p> <p>Vandyke Brown Van Dyckbraun Brun Van Dyck Vandyckbraun Pardo Van Dyck Bruno Van Dyck</p>	<p>718</p> <p>Warm Grey Wärmgrau Gris Chaud Wärmgrau Gris Caldo Grigio Caldo</p>	<p>717</p> <p>Cold Grey Kaltgrau Gris Froid Wärmgrau Gris Frio Grigio Freddo</p>	<p>708</p> <p>Payne's Grey Paynegrau Gris de Payne Paynegrau Gris Payne Grigio di Payne</p>	<p>721</p> <p>Perylene Green Black Perlyngrün Schwarz Noir d'Émeraude Perlyngrün Nero Verde Nero di Perlene</p>	<p>701</p> <p>Ivory Black Ivorzwart Noir d'ivoire Eifenbeinschwarz Nero Nero d'Africa</p>	<p>702</p> <p>Lang Black Langschwarz Noir de Bougie Siber Pian Nero Fumo</p>	<p>800</p> <p>Silver Zinn Argent Siber Pian Argento</p>	<p>802</p> <p>Light Gold Lichtgold Or Clair Rachgold Cin Chiaro Oro Chiaro</p>	<p>803</p> <p>Deep Gold Dunkelgold Or Foncé Goldbarbe Cin Oscuro Oro Scuro</p>

**Explanation of the signs**

Example

275

Primary Yellow  
Jaune Primaire  
Primärgelb  
Amarillo Primario  
Giallo Primario

PY184/PY154

**Degree of lightfastness**

+++ = at least 100 years lightfast under museum conditions (all 100 colours)

++ = 25 - 100 years lightfast under museum conditions

+ = 10 - 25 years lightfast under museum conditions

° = 0 - 10 years lightfast under museum conditions

The lightfastness of all these colours has been tested in accordance with ASTM Standards D4303.

**Opacity**

□ = transparent

◻ = semi-transparent

◼ = semi-opaque

■ = opaque

275 = colour number

2 = price series

🧴 = also available in tube of 150ml

PY184/PY154 = pigments used