

Converting Colors

XYZ(79.5312, 80.0432, 81.7573)

Have a look what the booklet for
XYZ(79.5312, 80.0432, 81.7573)
contains.

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Color

**XYZ(79.6350, 80.2764,
81.8187)**

Conversions

Conversions Part 1

Format	Color
Hex	F8E3E0
RGB	248, 227, 224
RGB Percent	97%, 89%, 88%
CMY	0.0274, 0.1098, 0.1216
CMYK	0.00, 0.08, 0.10, 0.03
HSL	8°, 63%, 93%
HSV	8°, 10%, 97%
XYZ	79.6350, 80.2764, 81.8187
YIQ	232.9370, 13.4790, 3.5190

Conversions

Conversions Part 2

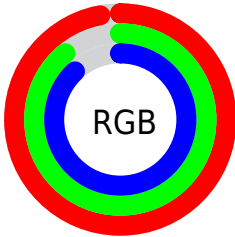
Format	Color
R _Y B	248, 227, 224
Decimal	16311264
CIE Lab	91.81, 6.67, 4.05
CIE LCh	92, 7.806, 31.247
Yxy	80.2764, 0.3294, 0.3321
Android (android.graphics.Color)	4294501344 (0xFF8E3E0)
YUV	232.9370, -4.4059, 13.2103
Hunter-Lab	89.5971, 1.8581, 8.5752

Details

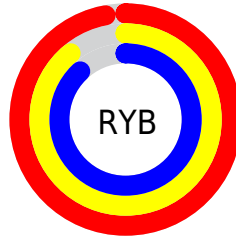
The XYZ color **79.6350, 80.2764, 81.8187** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.3359, 87.9278, 101.5454**, and the grayscale version is **77.4316, 81.4640, 88.7143**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6522, 43.5761, 43.6464** is the 20% darker color. If you saturate the color by 10%, you get **70.9496, 67.9007, 63.5223**, and if you desaturate by 10%, it is **89.5632, 94.3508, 102.9515**.

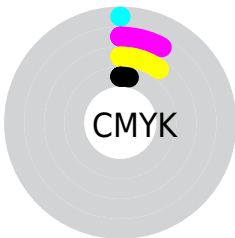
Distribution



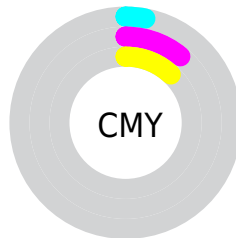
- Red (97%)
- Green (89%)
- Blue (88%)



- Red (97%)
- Yellow (89%)
- Blue (88%)



- Cyan (0%)
- Magenta (8%)
- Yellow (10%)
- Black (3%)



- Cyan (3%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.6350, 80.2764, 81.8187 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 79.6350, 80.2764, 81.8187 by changing the saturation by 10% instead.

79.6350, 80.2764,
81.8187

79.6350, 80.2764,
81.8187

482.4572,
495.8638, 520.9086

59.7255, 59.9458,
60.6812

131.8057,
133.7543, 137.7541

43.4460, 43.3750,
43.5390

164.7975,
167.6704, 173.3891

30.4313, 30.1794,
29.9737

202.8808,
206.8837, 214.6936

20.3158, 19.9748,
19.5668

246.4210,
251.7788, 262.0863

12.7344, 12.3767,
11.8996

295.7834,
302.7399, 315.9855

7.3217, 7.0008,
6.5536

351.3333,

3.7122, 3.4626,

360.1516, 376.8100

3.1104

413.4361,
424.3981, 444.9781

■ 1.5406, 1.3777,
1.1513

■ 0.3532, 0.2002,
0.0000

■ 79.6350, 80.2764,
81.8187

■ 79.6350, 80.2764,
81.8187

■ 70.9496, 67.9007,
63.5223

■ 89.5632, 94.3508,
102.9515

■ 63.4515, 57.1494,
47.9366

■ 92.5218, 98.6967,
108.7817

■ 57.0908, 47.9579,
34.9339

■ 51.8115, 40.2537,
24.3745

■ 47.5528, 33.9583,
16.1052

■ 44.2479, 28.9858,
9.9554

■ 41.8215, 25.2411,
5.7309

■ 40.1871, 22.6160,
3.2013

■ 39.2258, 20.9777,
2.0047

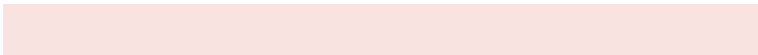
Harmonies

Analogous

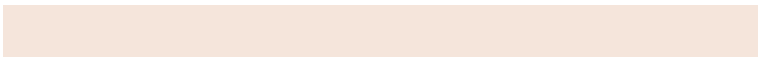
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.2093, 80.2764, 87.1679



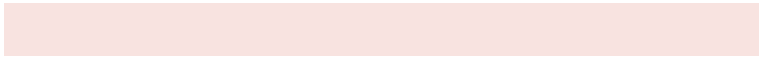
79.6350, 80.2764, 81.8187



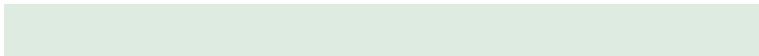
78.1649, 80.2764, 78.1043

Triad

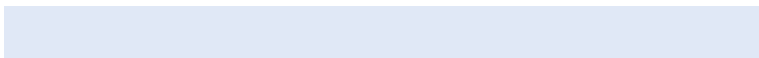
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.6350, 80.2764, 81.8187



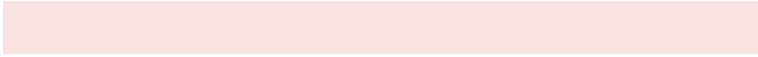
72.9788, 80.2764, 82.2166



76.3840, 80.2764, 98.8853

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



79.6350, 80.2764, 81.8187



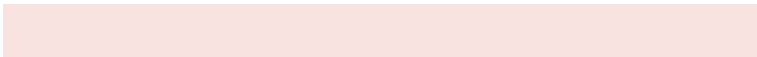
80.3359, 87.9278, 101.5454

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.4656, 80.2764, 97.4213



79.6350, 80.2764, 81.8187



72.5204, 80.2764, 87.6472

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.6350, 80.2764, 81.8187



74.3231, 80.2764, 78.3269



73.0600, 80.2764, 93.2449



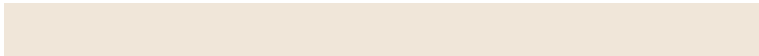
78.3123, 80.2764, 97.1639

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



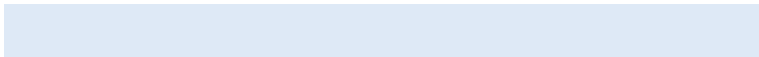
79.6350, 80.2764, 81.8187



76.8869, 80.2764, 76.9692



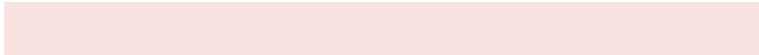
73.0600, 80.2764, 93.2449



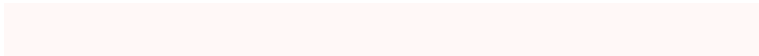
75.7167, 80.2764, 98.7489

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



79.6372, 80.2799, 81.8204



91.7446, 95.3211, 101.8425



81.8800, 79.8737, 97.6489



19.4525, 20.1410, 21.4049



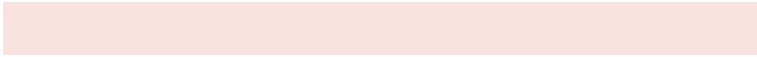
0.0000, 0.0000, 0.0000



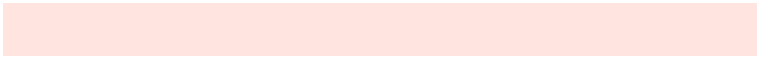
20.3446, 21.4041, 23.3091

Same Dimension

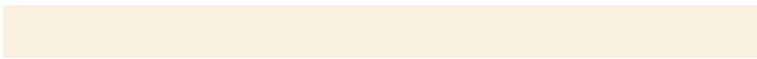
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.6372, 80.2799, 81.8204



82.5557, 82.2773, 82.3357



82.9749, 86.9553, 82.9330



17.4197, 17.5752, 17.9366



21.2308, 11.4182, 1.0850



2.0200, 1.1648, 0.1184

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



80.3359, 87.9278, 101.5454



83.4648, 92.2316, 108.0112



76.8804, 81.0169, 100.3936



17.5695, 19.2159, 22.1683



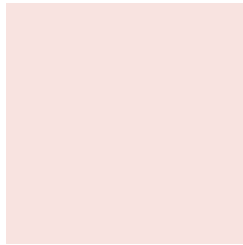
22.6221, 30.5998, 52.6876



2.1455, 2.9347, 4.8966

Previews

White Background



This preview shows how the XYZ color 79.6350, 80.2764, 81.8187 looks on a white background.

Color Contrast Check

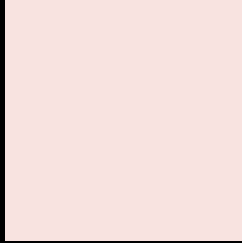
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 79.6350, 80.2764, 81.8187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

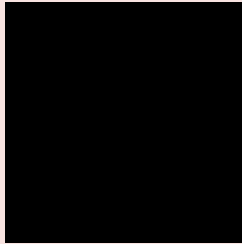
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

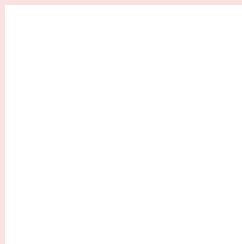
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.6350, 80.2764, 81.8187

Background



This preview shows how black text looks on a background with the XYZ color 79.6350, 80.2764, 81.8187.



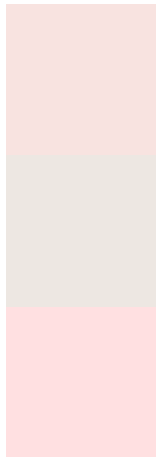
This preview shows how white text looks on a background with the XYZ color 79.6350, 80.2764,

81.8187.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

79.6350, 80.2764, 81.8187

Protanopia

77.2284, 80.6473, 83.4476

Deuteranopia

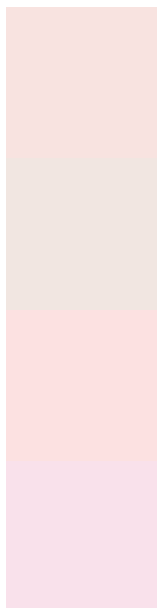
81.4863, 80.0076, 82.3824



Tritanopia

82.1070, 80.0461, 95.1273

Trichromacy



Original Color

79.6350, 80.2764, 81.8187

Protanomaly

78.1630, 80.7306, 82.6971

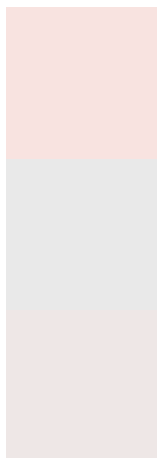
Deuteranomaly

80.6607, 79.9821, 82.4210

Tritanomaly

80.9875, 79.9883, 89.7680

Monochromacy



Original Color

79.6350, 80.2764, 81.8187

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.1187, 81.0421, 86.3883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6350, 80.2764, 81.8187 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(248, 227, 224) looks like.

```
.text, #text, p{  
    color:rgb(248, 227, 224)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(248, 227, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 227, 224) }
```

Border

The CSS property to change the border of an element to XYZ 79.6350, 80.2764, 81.8187 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(248, 227, 224) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(248, 227, 224) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(248, 227, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 227, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 227, 224);  
box-shadow:4px 4px 4px 4px rgb(248, 227,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6350, 80.2764, 81.8187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 227, 224) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(248,  
227, 224) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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