

Converting Colors

XYZ(78.0496, 80.8958, 75.3691)

Have a look what the booklet for
XYZ(78.0496, 80.8958, 75.3691)
contains.

XYZ(78.0906, 80.8611, 75.1103)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(78.0906, 80.8611,
75.1103)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E6D6
RGB	245, 230, 214
RGB Percent	96%, 90%, 84%
CMY	0.0392, 0.0980, 0.1608
CMYK	0.00, 0.06, 0.13, 0.04
HSL	31°, 61%, 90%
HSV	31°, 13%, 96%
XYZ	78.0906, 80.8611, 75.1103
YIQ	232.6610, 14.0760, -1.7960

Conversions

Conversions Part 2

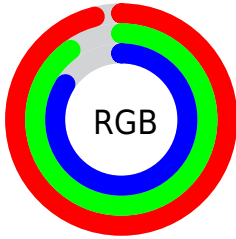
Format	Color
R _Y B	243, 245, 214
Decimal	16115414
CIE Lab	92.07, 2.48, 9.61
CIE LCh	92, 9.926, 75.526
Yxy	80.8611, 0.3336, 0.3455
Android (android.graphics.Color)	4294305494 (0xFFFF5E6D6)
YUV	232.6610, -9.1999, 10.8213
Hunter-Lab	89.9228, -2.3522, 13.4225

Details

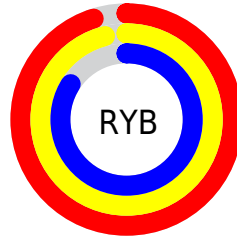
The XYZ color **78.0906, 80.8611, 75.1103** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.2321, 76.9260, 97.4282**, and the grayscale version is **77.2586, 81.2821, 88.5162**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5742, 43.9820, 39.0464** is the 20% darker color. If you saturate the color by 10%, you get **72.0079, 73.3316, 58.7893**, and if you desaturate by 10%, it is **84.8727, 89.0345, 93.9882**.

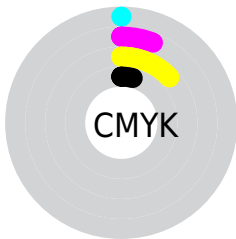
Distribution



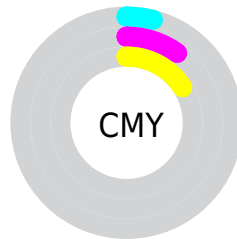
- Red (96%)
- Green (90%)
- Blue (84%)



- Red (95%)
- Yellow (96%)
- Blue (84%)



- Cyan (0%)
- Magenta (6%)
- Yellow (13%)
- Black (4%)





- Cyan (4%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.0906, 80.8611, 75.1103 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 78.0906, 80.8611, 75.1103 by changing the saturation by 10% instead.


 78.0906, 80.8611,
75.1103

 78.0906, 80.8611,
75.1103


477.3096,
497.8301, 497.5621

 58.4514, 60.4272,
55.2010


129.6425,
134.5757, 128.2170

 42.4164, 43.7631,
39.1630


162.2860,
168.6252, 162.2515

 29.6200, 30.4843,
26.5777


199.9950,
207.9821, 201.8314

 19.6970, 20.2065,
17.0267

243.1348,
253.0307, 247.3754

 12.2819, 12.5452,
10.0914

292.0708,
304.1553, 299.3019

 7.0096, 7.1161,
5.3532

347.1684,

 3.5145, 3.5348,

361.7405, 358.0295

2.3936

408.7928,
426.1707, 423.9767

■ 1.4313, 1.4169,
0.7830

■ 0.2784, 0.2291,
0.0000

■ 78.0906, 80.8611,
75.1103

■ 78.0906, 80.8611,
75.1103

■ 72.0079, 73.3316,
58.7893

■ 84.8727, 89.0345,
93.9882

■ 66.5926, 66.4180,
44.9082

■ 91.0559, 97.3314,
108.5954

■ 61.8197, 60.1059,
33.3486

■ 91.4665, 98.1527,
108.7323

■ 57.6602, 54.3760,
23.9800

■ 54.0821, 49.2078,
16.6589

■ 51.0503, 44.5790,
11.2243

■ 48.5244, 40.4653,
7.4909

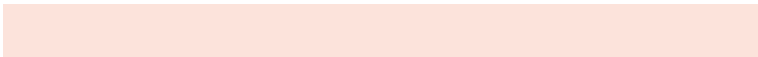
■ 46.4569, 36.8388,
5.2343

■ 45.1799, 34.4593,
4.2701

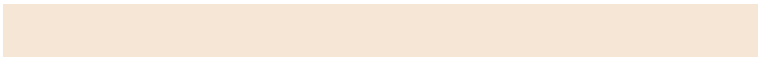
Harmonies

Analogous

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



80.3498, 80.8611, 78.3802



78.0906, 80.8611, 75.1103



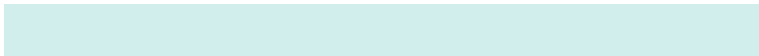
75.5484, 80.8611, 75.1705

Triad

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



78.0906, 80.8611, 75.1103



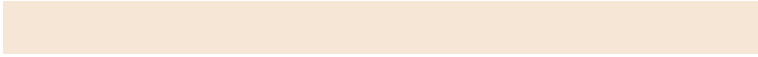
72.2187, 80.8611, 91.8644



80.4155, 80.8611, 98.2744

Complementary

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



78.0906, 80.8611, 75.1103



72.2321, 76.9260, 97.4282

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.



78.1787, 80.8611, 102.3093



78.0906, 80.8611, 75.1103



73.4651, 80.8611, 98.4711

Square

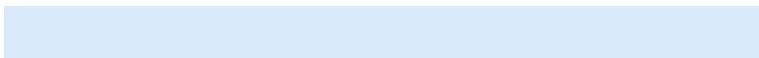
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.0906, 80.8611, 75.1103



72.1963, 80.8611, 84.5737



75.6346, 80.8611, 102.3832



81.7121, 80.8611, 91.6079

Rectangle

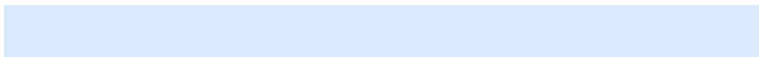
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.0906, 80.8611, 75.1103



74.0363, 80.8611, 77.0816



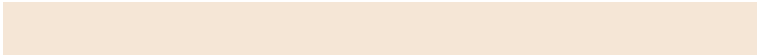
75.6346, 80.8611, 102.3832



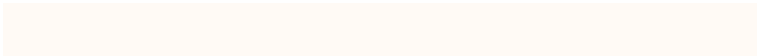
79.7465, 80.8611, 99.9993

Sweetspot

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



78.0928, 80.8647, 75.1120



91.8970, 96.2526, 99.9613



75.9165, 73.1919, 84.6225



19.5458, 20.4539, 21.0472



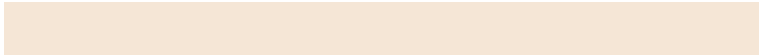
0.0000, 0.0000, 0.0000



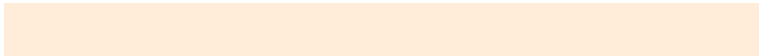
20.3446, 21.4041, 23.3091

Same Dimension

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



78.0928, 80.8647, 75.1120



83.8708, 86.5345, 77.7576



82.4471, 89.5732, 76.5634



17.2068, 17.8977, 17.3453



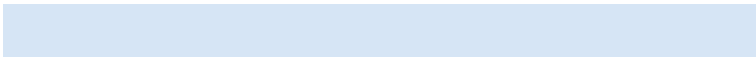
24.4786, 18.8427, 2.3468



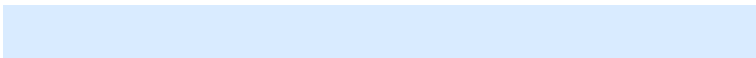
2.2543, 1.8619, 0.2406

Inverse Universe

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



72.2321, 76.9260, 97.4282



76.3717, 81.4948, 106.3126



68.2607, 68.9831, 96.1044



16.2427, 17.2498, 21.0160



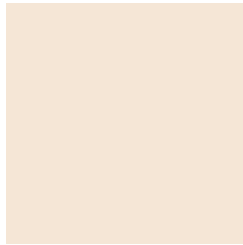
12.5389, 10.8716, 47.9756



1.2045, 1.1603, 4.2507

Previews

White Background



This preview shows how the XYZ color 78.0906, 80.8611, 75.1103 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 78.0906, 80.8611, 75.1103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

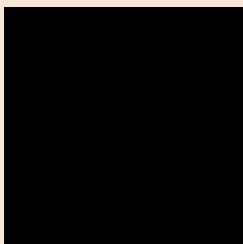
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.0906, 80.8611, 75.1103

Background



This preview shows how black text looks on a background with the XYZ color 78.0906, 80.8611, 75.1103.

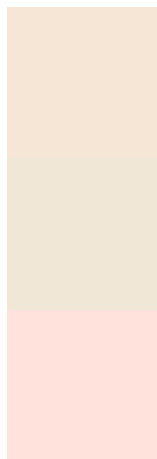


This preview shows how white text looks on a background with the XYZ color 78.0906, 80.8611,

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

78.0906, 80.8611, 75.1103

Protanopia

77.1173, 80.7589, 75.8135

Deuteranopia

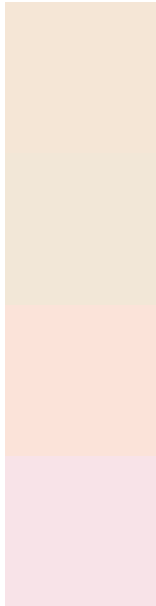
81.2225, 80.7672, 78.3266



Tritanopia

82.4409, 81.0035, 96.0842

Trichromacy



Original Color

78.0906, 80.8611, 75.1103

Protanomaly

77.4596, 80.9354, 75.8295

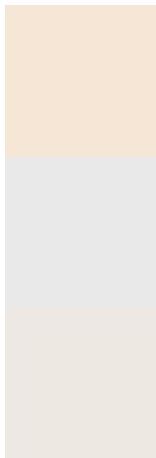
Deuteranomaly

79.7771, 80.4572, 76.9707

Tritanomaly

80.7460, 80.7208, 87.6688

Monochromacy



Original Color

78.0906, 80.8611, 75.1103

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.5091, 81.2087, 83.5412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.0906, 80.8611, 75.1103 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(245, 230, 214) looks like.

```
.text, #text, p{  
    color:rgb(245, 230, 214)  
}
```

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(245, 230, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 230, 214) }
```

Border

The CSS property to change the border of an element to XYZ 78.0906, 80.8611, 75.1103 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(245, 230, 214) }
```


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

```
.border{ border-color:rgb(245, 230, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 230, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 230, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 230, 214);  
box-shadow:4px 4px 4px 4px rgb(245, 230,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 78.0906, 80.8611, 75.1103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 230, 214) }
```

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

```
.background{ background-color: rgb(245,  
230, 214) }
```

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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