

Converting Colors

XYZ(78.6990, 80.7044, 70.3915)

Have a look what the booklet for
XYZ(78.6990, 80.7044, 70.3915)
contains.

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Color

**XYZ(78.7061, 80.8676,
70.4922)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE5CF
RGB	250, 229, 207
RGB Percent	98%, 90%, 81%
CMY	0.0196, 0.1019, 0.1882
CMYK	0.00, 0.08, 0.17, 0.02
HSL	31°, 81%, 90%
HSV	31°, 17%, 98%
XYZ	78.7061, 80.8676, 70.4922
YIQ	232.7710, 19.5780, -2.3900

Conversions

Conversions Part 2

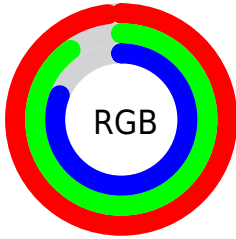
Format	Color
R _Y B	248, 250, 207
Decimal	16442831
CIE Lab	92.07, 3.70, 13.31
CIE LCh	92, 13.818, 74.488
Yxy	80.8676, 0.3421, 0.3515
Android (android.graphics.Color)	4294632911 (0xFFFAE5CF)
YUV	232.7710, -12.7051, 15.1098
Hunter-Lab	89.9264, -1.1431, 16.4718

Details

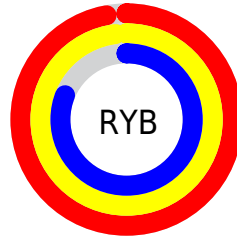
The XYZ color **78.7061, 80.8676, 70.4922** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **70.7304, 75.6525, 101.3175**, and the grayscale version is **77.3639, 81.3929, 88.6368**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8781, 43.9095, 36.3524** is the 20% darker color. If you saturate the color by 10%, you get **72.6295, 73.2241, 54.5625**, and if you desaturate by 10%, it is **85.5086, 89.1869, 89.0533**.

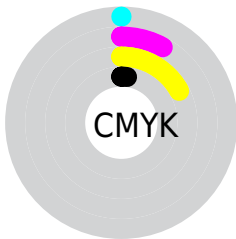
Distribution



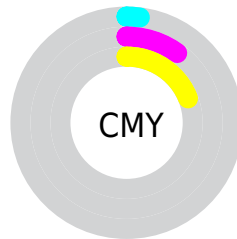
- Red (98%)
- Green (90%)
- Blue (81%)



- Red (97%)
- Yellow (98%)
- Blue (81%)



- Cyan (0%)
- Magenta (8%)
- Yellow (17%)
- Black (2%)





- Cyan (2%)
- Magenta (10%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.7061, 80.8676, 70.4922 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 78.7061, 80.8676, 70.4922 by changing the saturation by 10% instead.


 78.7061, 80.8676,
70.4922

 78.7061, 80.8676,
70.4922


479.3647,
497.8519, 481.1121

 58.9590, 60.4326,
51.4486


130.5051,
134.5848, 121.5981

 42.8264, 43.7674,
36.1866


163.2878,
168.6358, 154.4975

 29.9428, 30.4877,
24.2875


201.1463,
207.9943, 192.8525

 19.9430, 20.2090,
15.3328

244.4461,
253.0446, 237.0818

 12.4617, 12.5471,
8.9041

293.5525,
304.1711, 287.6039

 7.1333, 7.1174,
4.5827

348.8308,

 3.5927, 3.5356,

361.7582, 344.8373

1.9502

410.6464,
426.1903, 409.2005

■ 1.4744, 1.4174,
0.5244

■ 0.3083, 0.2295,
0.0000

■ 78.7061, 80.8676,
70.4922

■ 78.7061, 80.8676,
70.4922

■ 72.6295, 73.2241,
54.5625

■ 85.5086, 89.1869,
89.0533

■ 67.2447, 66.2268,
41.1379

■ 92.7323, 98.0595,
108.6476

■ 62.5242, 59.8595,
30.0890

■ 93.2346, 99.0641,
108.8150

■ 58.4362, 54.1011,
21.2729

■ 54.9454, 48.9290,
14.5312

■ 52.0126, 44.3185,
9.6840

■ 49.5922, 40.2422,
6.5203

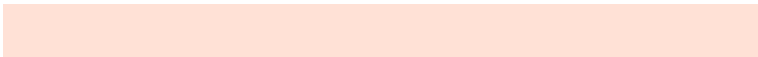
■ 47.6269, 36.6675,
4.7684

■ 47.1354, 35.7458,
4.4153

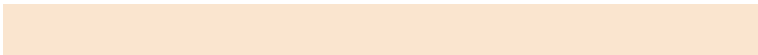
Harmonies

Analogous

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



81.8459, 80.8676, 75.0249



78.7061, 80.8676, 70.4922



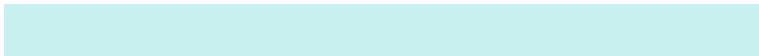
75.1637, 80.8676, 70.4140

Triad

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



78.7061, 80.8676, 70.4922



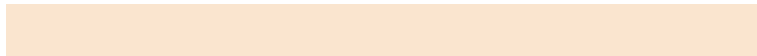
70.4282, 80.8676, 93.0432



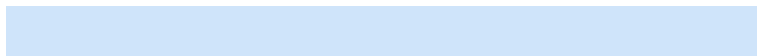
81.7557, 80.8676, 102.7783

Complementary

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



78.7061, 80.8676, 70.4922



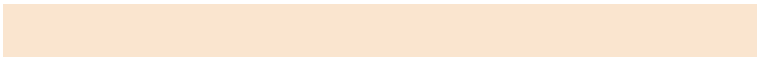
70.7304, 75.6525, 101.3175

Split Complementary

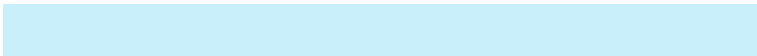
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.5861, 80.8676, 108.4116



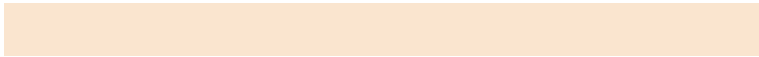
78.7061, 80.8676, 70.4922



72.0851, 80.8676, 102.5039

Square

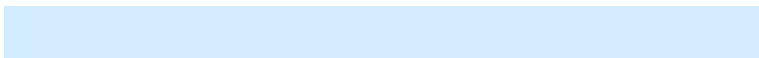
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.7061, 80.8676, 70.4922



70.4580, 80.8676, 82.9153



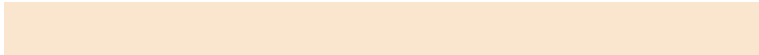
75.0474, 80.8676, 108.3075



83.6432, 80.8676, 93.3947

Rectangle

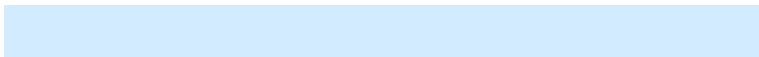
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.7061, 80.8676, 70.4922



73.0539, 80.8676, 72.8716



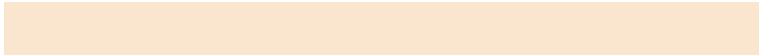
75.0474, 80.8676, 108.3075



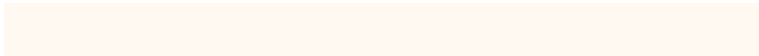
80.8006, 80.8676, 105.2044

Sweetspot

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



78.7083, 80.8712, 70.4939



91.1107, 95.2980, 97.7937



75.8111, 70.5799, 83.3917



19.3863, 20.2594, 20.6103



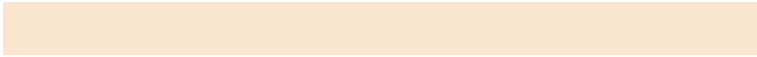
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



78.7083, 80.8712, 70.4939



79.8145, 81.4560, 67.0522



84.8731, 93.2008, 72.5488



17.9791, 18.6940, 18.1231



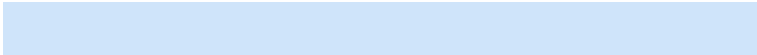
25.1466, 19.2499, 2.3902



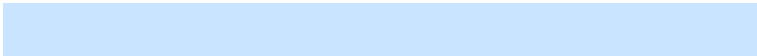
2.4352, 1.9952, 0.2568

Inverse Universe

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



70.7304, 75.6525, 101.3175



69.8910, 74.9648, 105.3937



65.3013, 64.7943, 99.5078



16.9827, 18.0422, 21.9727



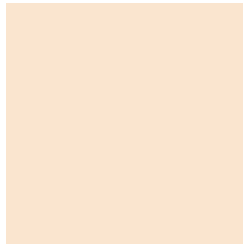
12.9915, 11.3386, 49.4774



1.3090, 1.2616, 4.6177

Previews

White Background



This preview shows how the XYZ color 78.7061, 80.8676, 70.4922 looks on a white background.

Color Contrast Check

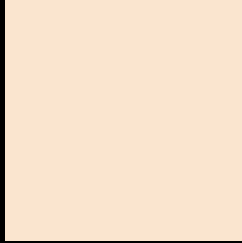
Large Text (above 18pt) WCAG AA × Fail

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 78.7061, 80.8676, 70.4922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

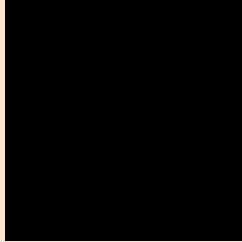
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.7061, 80.8676, 70.4922

Background



This preview shows how black text looks on a background with the XYZ color 78.7061, 80.8676, 70.4922.



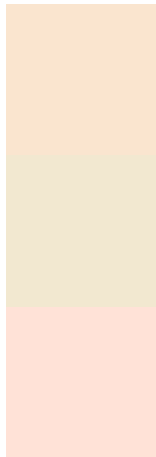
This preview shows how white text looks on a background with the XYZ color 78.7061, 80.8676,

70.4922.

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

78.7061, 80.8676, 70.4922

Protanopia

76.8597, 81.1445, 71.2860

Deuteranopia

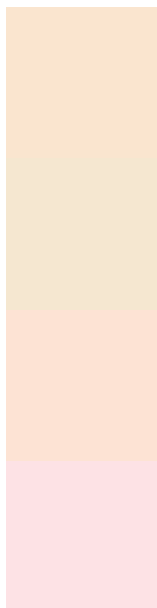
80.7021, 80.5590, 75.5860



Tritanopia

83.4059, 80.7330, 94.4062

Trichromacy



Original Color

78.7061, 80.8676, 70.4922

Protanomaly

77.6173, 81.1184, 71.2411

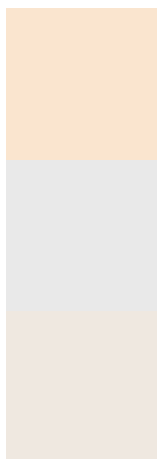
Deuteranomaly

79.8608, 80.5743, 73.6306

Tritanomaly

81.8472, 80.9325, 85.4365

Monochromacy



Original Color

78.7061, 80.8676, 70.4922

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.9078, 81.4458, 82.1354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.7061, 80.8676, 70.4922 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(250, 229, 207)` looks like.

```
.text, #text, p{  
    color:rgb(250, 229, 207)  
}
```

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(250, 229, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 229, 207) }
```

Border

The CSS property to change the border of an element to XYZ 78.7061, 80.8676, 70.4922 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(250, 229, 207) }
```


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

```
.border{ border-color:rgb(250, 229, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 229, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 229, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 229, 207);  
box-shadow:4px 4px 4px 4px rgb(250, 229,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 78.7061, 80.8676, 70.4922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 229, 207) }
```

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

```
.background{ background-color: rgb(250,  
229, 207) }
```

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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