

Converting Colors

XYZ(78.7266, 80.3826, 71.1625)

Have a look what the booklet for
XYZ(78.7266, 80.3826, 71.1625)
contains.

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Color

**XYZ(78.9122, 80.5501,
71.0631)**

Conversions

Conversions Part 1

Format	Color
Hex	FBE4D0
RGB	251, 228, 208
RGB Percent	98%, 89%, 82%
CMY	0.0157, 0.1059, 0.1843
CMYK	0.00, 0.09, 0.17, 0.02
HSL	28°, 84%, 90%
HSV	28°, 17%, 98%
XYZ	78.9122, 80.5501, 71.0631
YIQ	232.5970, 20.1280, -1.3440

Conversions

Conversions Part 2

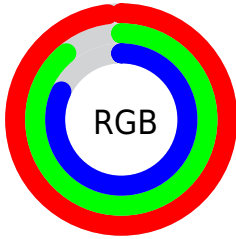
Format	Color
R _{YB}	251, 245, 208
Decimal	16508112
CIE Lab	91.93, 4.72, 12.60
CIE LCh	92, 13.458, 69.489
Yxy	80.5501, 0.3423, 0.3494
Android (android.graphics.Color)	4294698192 (0xFFFBE4D0)
YUV	232.5970, -12.1263, 16.1394
Hunter-Lab	89.7497, -0.1163, 15.8794

Details

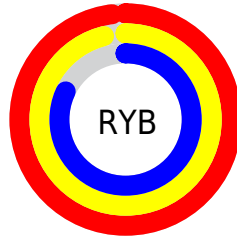
The XYZ color **78.9122, 80.5501, 71.0631** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.0005, 77.5249, 102.4363**, and the grayscale version is **77.2286, 81.2505, 88.4818**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0244, 43.6896, 36.7371** is the 20% darker color. If you saturate the color by 10%, you get **72.5154, 72.3131, 54.8820**, and if you desaturate by 10%, it is **86.0888, 89.5632, 89.9171**.

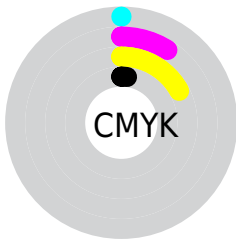
Distribution



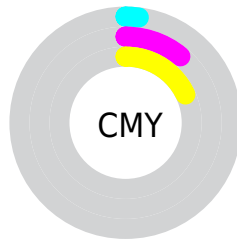
- Red (98%)
- Green (89%)
- Blue (82%)



- Red (98%)
- Yellow (96%)
- Blue (82%)



- Cyan (0%)
- Magenta (9%)
- Yellow (17%)
- Black (2%)





- Cyan (2%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.9122, 80.5501, 71.0631 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 78.9122, 80.5501, 71.0631 by changing the saturation by 10% instead.

 78.9122, 80.5501,
71.0631

 78.9122, 80.5501,
71.0631


480.0518,
496.7848, 483.1636

 59.1290, 60.1711,
51.9115


130.7938,
134.1389, 122.4189

 42.9637, 43.5566,
36.5528


163.6230,
168.1175, 155.4601

 30.0511, 30.3221,
24.5684


201.5315,
207.3980, 193.9684

 20.0256, 20.0832,
15.5397

244.8847,
252.3650, 238.3622

 12.5220, 12.4555,
9.0482

294.0480,
303.4028, 289.0601

 7.1750, 7.0547,
4.6754

349.3867,

 3.6191, 3.4963,

360.8958, 346.4806

2.0027

411.2662,
425.2283, 411.0423

■ 1.4890, 1.3960,
0.5569

■ 0.3183, 0.2138,
0.0000

■ 78.9122, 80.5501,
71.0631

■ 78.9122, 80.5501,
71.0631

■ 72.5154, 72.3131,
54.8820

■ 86.0888, 89.5632,
89.9171

■ 66.8625, 64.8194,
41.2456

■ 93.5466, 99.1547,
108.8161

■ 61.9242, 58.0492,
30.0232

■ 93.5939, 99.2494,
108.8319

■ 57.6665, 51.9776,
21.0697

■ 54.0521, 46.5784,
14.2247

■ 51.0394, 41.8226,
9.3061

■ 48.5803, 37.6785,
6.1003

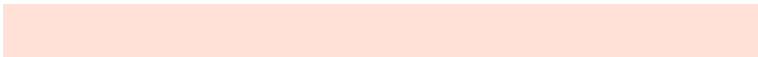
■ 46.6152, 34.1087,
4.3335

■ 46.1188, 33.1792,
3.9735

Harmonies

Analogous

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



81.8034, 80.5501, 76.1526



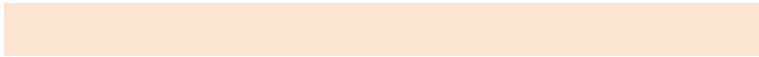
78.9122, 80.5501, 71.0631



75.4703, 80.5501, 70.2441

Triad

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



78.9122, 80.5501, 71.0631



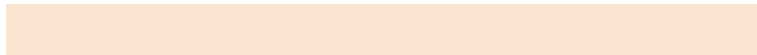
70.1923, 80.5501, 90.8799



80.8639, 80.5501, 103.2255

Complementary

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



78.9122, 80.5501, 71.0631



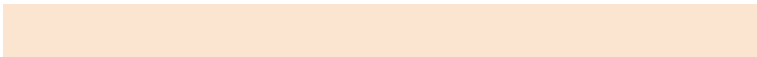
72.0005, 77.5249, 102.4363

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.



77.6610, 80.5501, 107.8441



78.9122, 80.5501, 71.0631



71.5464, 80.5501, 100.3712

Square

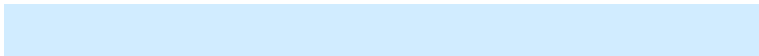
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.9122, 80.5501, 71.0631



70.5045, 80.5501, 81.2055



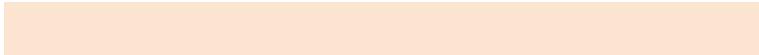
74.2559, 80.5501, 106.7620



82.9536, 80.5501, 94.5432

Rectangle

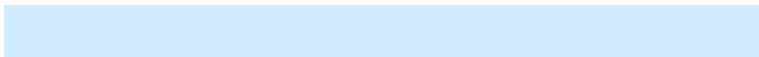
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.9122, 80.5501, 71.0631



73.3362, 80.5501, 72.1627



74.2559, 80.5501, 106.7620



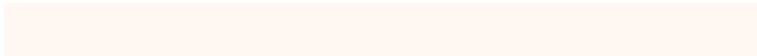
79.8779, 80.5501, 105.3334

Sweetspot

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



78.9144, 80.5537, 71.0648



90.9279, 94.9324, 97.7328



76.8562, 71.4283, 85.8207



19.3419, 20.1706, 20.5955



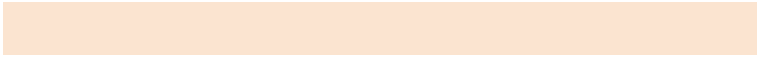
0.0000, 0.0000, 0.0000



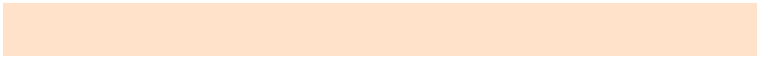
20.3446, 21.4041, 23.3091

Same Dimension

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



78.9144, 80.5537, 71.0648



79.1309, 80.0887, 66.8243



84.9988, 92.7226, 73.0930



17.9102, 18.5563, 18.1002



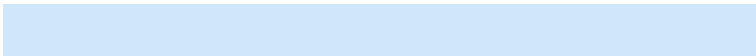
24.3844, 17.7254, 2.1361



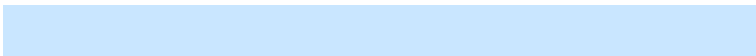
2.3633, 1.8515, 0.2328

Inverse Universe

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



72.0005, 77.5249, 102.4363



70.5796, 76.3420, 105.6233



66.5097, 66.5433, 100.6060



17.0518, 18.1803, 21.9957



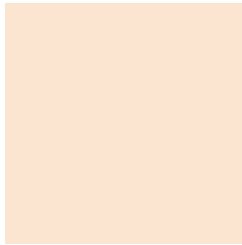
13.7978, 12.9512, 49.7462



1.3840, 1.4117, 4.6427

Previews

White Background



This preview shows how the XYZ color 78.9122, 80.5501, 71.0631 looks on a white background.

Color Contrast Check

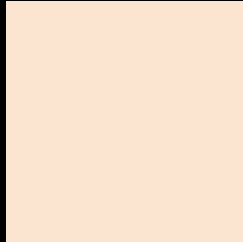
Large Text (above 18pt) WCAG AA × Fail

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 78.9122, 80.5501, 71.0631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

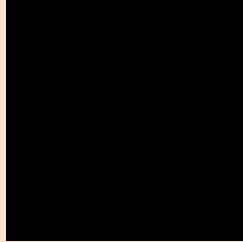
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.9122, 80.5501, 71.0631

Background



This preview shows how black text looks on a background with the XYZ color 78.9122, 80.5501, 71.0631.



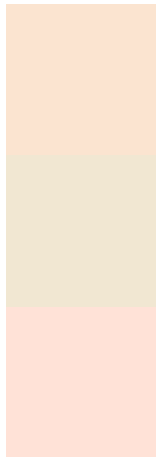
This preview shows how white text looks on a background with the XYZ color 78.9122, 80.5501,

71.0631.

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

78.9122, 80.5501, 71.0631

Protanopia

76.4844, 80.5057, 72.4808

Deuteranopia

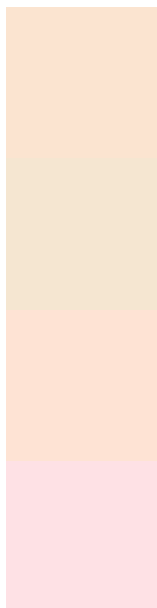
80.7021, 80.5590, 75.5860



Tritanopia

83.5049, 80.3862, 94.3340

Trichromacy



Original Color

78.9122, 80.5501, 71.0631

Protanomaly

77.4616, 80.6096, 71.7981

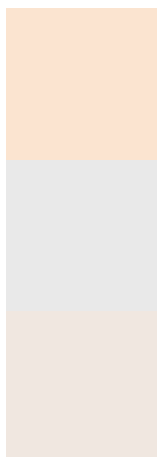
Deuteranomaly

80.2258, 80.7625, 73.6477

Tritanomaly

81.9411, 80.5784, 85.3632

Monochromacy



Original Color

78.9122, 80.5501, 71.0631

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.9656, 81.0589, 82.0577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9122, 80.5501, 71.0631 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(251, 228, 208) looks like.

```
.text, #text, p{  
    color:rgb(251, 228, 208)  
}
```

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(251, 228, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 228, 208) }
```

Border

The CSS property to change the border of an element to XYZ 78.9122, 80.5501, 71.0631 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(251, 228, 208) }
```


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

```
.border{ border-color:rgb(251, 228, 208) }
```

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

Here you see how a box with a 4 pixel rgb(251, 228, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 228, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 228, 208);  
box-shadow:4px 4px 4px 4px rgb(251, 228,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9122, 80.5501, 71.0631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 228, 208) }
```

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

```
.background{ background-color: rgb(251,  
228, 208) }
```

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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