

Converting Colors

XYZ(79.4991, 80.9613, 72.1907)

Have a look what the booklet for
XYZ(79.4991, 80.9613, 72.1907)
contains.

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Color

**XYZ(79.5211, 80.8354,
72.3843)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE4D2
RGB	252, 228, 210
RGB Percent	99%, 89%, 82%
CMY	0.0118, 0.1059, 0.1765
CMYK	0.00, 0.10, 0.17, 0.01
HSL	26°, 88%, 91%
HSV	26°, 17%, 99%
XYZ	79.5211, 80.8354, 72.3843
YIQ	233.1240, 20.0820, -0.5100

Conversions

Conversions Part 2

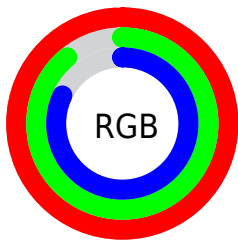
Format	Color
R _Y B	252, 242, 210
Decimal	16573650
CIE Lab	92.06, 5.37, 11.76
CIE LCh	92, 12.925, 65.439
Yxy	80.8354, 0.3417, 0.3473
Android (android.graphics.Color)	4294763730 (0xFFFC E4D2)
YUV	233.1240, -11.4001, 16.5543
Hunter-Lab	89.9085, 0.5375, 15.2023

Details

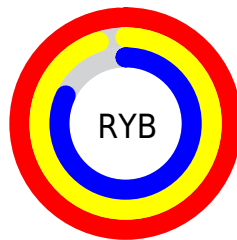
The XYZ color **79.5211, 80.8354, 72.3843** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.5713, 79.5736, 103.5776**, and the grayscale version is **77.6199, 81.6621, 88.9301**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4500, 43.8895, 37.6340** is the 20% darker color. If you saturate the color by 10%, you get **72.8289, 72.0855, 55.8646**, and if you desaturate by 10%, it is **87.0420, 90.4500, 91.6211**.

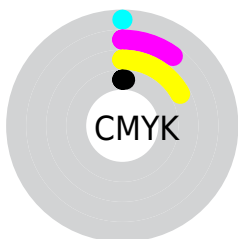
Distribution



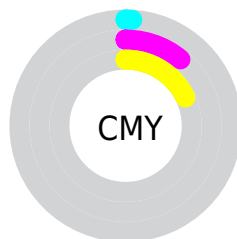
- Red (99%)
- Green (89%)
- Blue (82%)



- Red (99%)
- Yellow (95%)
- Blue (82%)



- Cyan (0%)
- Magenta (10%)
- Yellow (17%)
- Black (1%)





- Cyan (1%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.5211, 80.8354, 72.3843 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 79.5211, 80.8354, 72.3843 by changing the saturation by 10% instead.


 79.5211, 80.8354,
72.3843

 79.5211, 80.8354,
72.3843

482.0786,
497.7437, 487.8916

 59.6315, 60.4060,
52.9839


131.6463,
134.5396, 124.3155

 43.3700, 43.7460,
37.4023


164.6125,
168.5833, 157.6835

 30.3713, 30.4709,
25.2209


202.6683,
207.9338, 196.5444

 20.2700, 20.1963,
16.0212

246.1791,
252.9757, 241.3167

 12.7009, 12.5378,
9.3846

295.5102,
304.0932, 292.4190

 7.2985, 7.1111,
4.8927

351.0268,

 3.6974, 3.5316,

361.6708, 350.2699

2.1268

413.0945,
426.0928, 415.2879

■ 1.5324, 1.4152,
0.6316

■ 0.3477, 0.2279,
0.0000

■ 79.5211, 80.8354,
72.3843

■ 79.5211, 80.8354,
72.3843

■ 72.8289, 72.0855,
55.8646

■ 87.0420, 90.4500,
91.6211

■ 66.9277, 64.1642,
41.9327

■ 93.9551, 99.4356,
108.8488

■ 61.7866, 57.0486,
30.4563

■ 57.3695, 50.7105,
21.2893

■ 53.6374, 45.1197,
14.2697

■ 50.5465, 40.2436,
9.2144

■ 48.0468, 36.0462,
5.9087

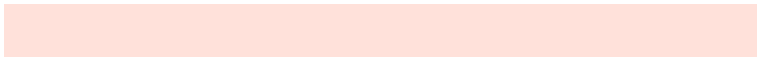
■ 46.0773, 32.4863,
4.0832

■ 45.5109, 31.4271,
3.6673

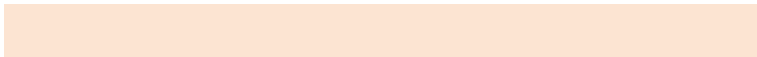
Harmonies

Analogous

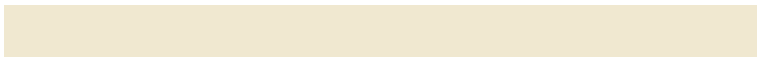
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.1616, 80.8354, 77.8160



79.5211, 80.8354, 72.3843



76.2270, 80.8354, 71.0106

Triad

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



79.5211, 80.8354, 72.3843



70.6385, 80.8354, 89.7637



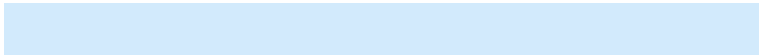
80.6004, 80.8354, 103.8001

Complementary

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



79.5211, 80.8354, 72.3843



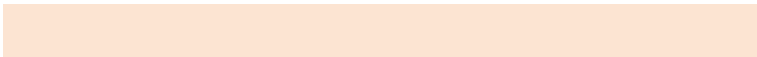
73.5713, 79.5736, 103.5776

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.



77.4395, 80.8354, 107.5403



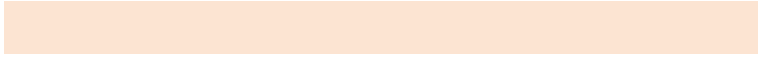
79.5211, 80.8354, 72.3843



71.7373, 80.8354, 99.0706

Square

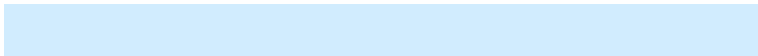
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.5211, 80.8354, 72.3843



71.1597, 80.8354, 80.6192



74.2035, 80.8354, 105.7502



82.7972, 80.8354, 95.8520

Rectangle

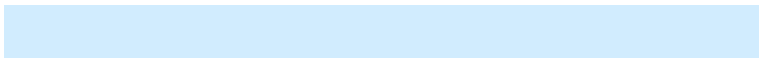
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.5211, 80.8354, 72.3843



74.1168, 80.8354, 72.4884



74.2035, 80.8354, 105.7502



79.6120, 80.8354, 105.6163

Sweetspot

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



79.5233, 80.8390, 72.3860



90.7847, 94.6460, 97.6850



78.1155, 72.7589, 88.1466



19.3072, 20.1010, 20.5839



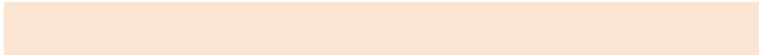
0.0000, 0.0000, 0.0000



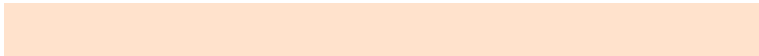
20.3446, 21.4041, 23.3091

Same Dimension

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



79.5233, 80.8390, 72.3860



79.2983, 79.9380, 68.3768



85.4997, 92.7919, 74.3782



17.8564, 18.4487, 18.0822



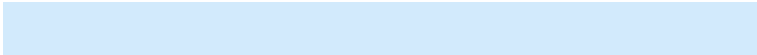
23.8465, 16.6496, 1.9568



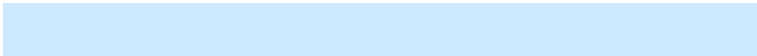
2.3114, 1.7477, 0.2155

Inverse Universe

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



73.5713, 79.5736, 103.5776



72.1295, 78.4127, 105.9413



68.0702, 68.5714, 101.7439



17.1063, 18.2894, 22.0139



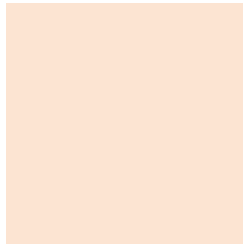
14.4949, 14.3454, 49.9785



1.4477, 1.5390, 4.6639

Previews

White Background



This preview shows how the XYZ color 79.5211, 80.8354, 72.3843 looks on a white background.

Color Contrast Check

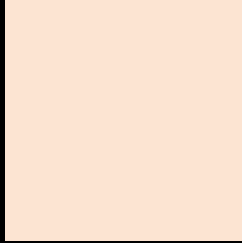
Large Text (above 18pt) WCAG AA × Fail

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 79.5211, 80.8354, 72.3843 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 79.5211, 80.8354, 72.3843

Background



This preview shows how black text looks on a background with the XYZ color 79.5211, 80.8354, 72.3843.



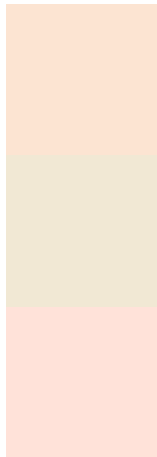
This preview shows how white text looks on a background with the XYZ color 79.5211, 80.8354,

72.3843.

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

79.5211, 80.8354, 72.3843

Protanopia

77.0159, 81.1675, 73.8951

Deuteranopia

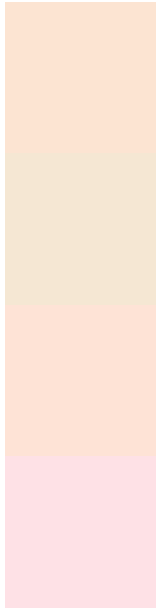
80.9607, 80.6625, 76.9480



Tritanopia

83.7728, 80.9222, 94.4233

Trichromacy



Original Color

79.5211, 80.8354, 72.3843

Protanomaly

77.9900, 81.2675, 73.2037

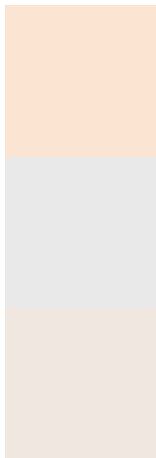
Deuteranomaly

80.4797, 80.8640, 74.9849

Tritanomaly

82.0812, 80.6344, 86.1008

Monochromacy



Original Color

79.5211, 80.8354, 72.3843

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.1017, 81.1133, 82.7742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5211, 80.8354, 72.3843 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(252, 228, 210)` looks like.

```
.text, #text, p{  
    color:rgb(252, 228, 210)  
}
```

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(252, 228, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 228, 210) }
```

Border

The CSS property to change the border of an element to XYZ 79.5211, 80.8354, 72.3843 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(252, 228, 210) }
```


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

```
.border{ border-color:rgb(252, 228, 210) }
```

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

Here you see how a box with a 4 pixel rgb(252, 228, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 228, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 228, 210);  
box-shadow:4px 4px 4px 4px rgb(252, 228,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5211, 80.8354, 72.3843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 228, 210) }
```

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

```
.background{ background-color: rgb(252,  
228, 210) }
```

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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