

Converting Colors

XYZ(72.8727, 72.7885, 66.0859)

Have a look what the booklet for
XYZ(72.8727, 72.7885, 66.0859)
contains.

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Color

**XYZ(72.8727, 72.7885,
66.0859)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D8CA
RGB	245, 216, 202
RGB Percent	96%, 85%, 79%
CMY	0.0392, 0.1529, 0.2078
CMYK	0.00, 0.12, 0.18, 0.04
HSL	20°, 68%, 88%
HSV	20°, 18%, 96%
XYZ	72.8727, 72.7885, 66.0859
YIQ	223.0750, 21.7780, 1.7940

Conversions

Conversions Part 2

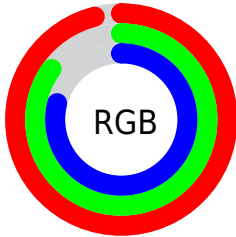
Format	Color
R _Y B	245, 223, 202
Decimal	16111818
CIE Lab	88.35, 7.86, 10.57
CIE LCh	88, 13.173, 53.384
Yxy	72.7885, 0.3441, 0.3438
Android (android.graphics.Color)	4294301898 (0xFFF5D8CA)
YUV	223.0750, -10.3900, 19.2282
Hunter-Lab	85.3162, 3.1622, 13.7953

Details

The XYZ color **72.8727, 72.7885, 66.0859** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.4139, 76.2991, 97.4554**, and the grayscale version is **70.2549, 73.9136, 80.4919**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8292, 38.3192, 33.3668** is the 20% darker color. If you saturate the color by 10%, you get **66.1776, 63.6776, 50.6606**, and if you desaturate by 10%, it is **80.4579, 82.9413, 84.0817**.

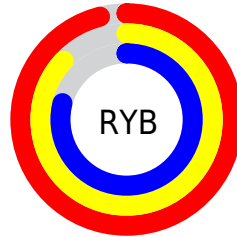
Distribution



Red (96%)

Green (85%)

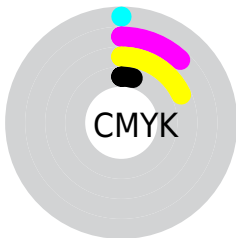
Blue (79%)



Red (96%)

Yellow (87%)

Blue (79%)

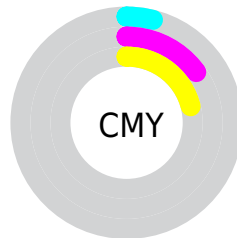


Cyan (0%)

Magenta (12%)

Yellow (18%)

Black (4%)



Cyan (4%)


Magenta (15%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.8727, 72.7885, 66.0859 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 72.8727, 72.7885, 66.0859 by changing the saturation by 10% instead.

 72.8727, 72.7885,
66.0859

 72.8727, 72.7885,
66.0859


459.6841,
470.2815, 465.0966

 54.1599, 53.8030,
47.8852


122.3006,
123.1769, 115.2378

 38.9607, 38.4442,
33.3766


153.7464,
155.3487, 147.0261

 26.9097, 26.3276,
22.1417


190.1672,
192.6846, 184.1806

 17.6417, 17.0689,
13.7617

231.9284,
235.5692, 227.1200

 10.7912, 10.2836,
7.8183

279.3953,
284.3868, 276.2628

 5.9928, 5.5874,
3.8928

332.9333,

 2.8813, 2.5959,

339.5217, 332.0274

1.5667

392.9078,
401.3585, 394.8325

■ 1.0913, 0.9246,
0.2669

■ 0.0178, 0.0000,
0.0000

■ 72.8727, 72.7885,
66.0859

■ 72.8727, 72.7885,
66.0859

■ 66.1776, 63.6776,
50.6606

■ 80.4579, 82.9413,
84.0817

■ 60.3325, 55.5650,
37.6829

■ 88.9595, 94.1583,
104.7539

■ 55.3029, 48.4186,
27.0265

■ 91.4664, 98.1526,
108.7323

■ 51.0493, 42.2005,
18.5520

■ 47.5288, 36.8701,
12.1048

■ 44.6936, 32.3837,
7.5096

■ 42.4892, 28.6929,
4.5610

■ 40.8473, 25.7418,
2.9881

■ 40.5101, 25.1199,
2.7135

Harmonies

Analogous

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



74.9142, 72.7885, 72.5436



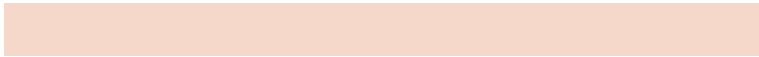
72.8727, 72.7885, 66.0859



69.8860, 72.7885, 63.1883

Triad

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



72.8727, 72.7885, 66.0859



63.3189, 72.7885, 77.2654



71.6241, 72.7885, 96.3317

Complementary

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



72.8727, 72.7885, 66.0859



69.4139, 76.2991, 97.4554

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.



68.4853, 72.7885, 97.8359



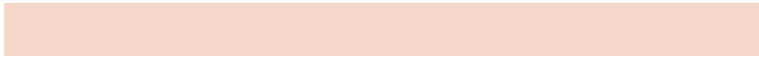
72.8727, 72.7885, 66.0859



63.7524, 72.7885, 86.3666

Square

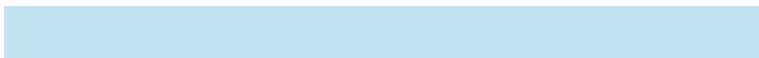
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.8727, 72.7885, 66.0859



64.4179, 72.7885, 69.3174



65.6205, 72.7885, 94.0652



74.1780, 72.7885, 90.0981

Rectangle

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



72.8727, 72.7885, 66.0859



67.7857, 72.7885, 63.4956



65.6205, 72.7885, 94.0652



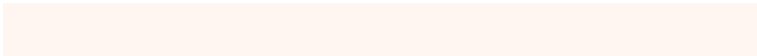
70.5999, 72.7885, 97.4258

Sweetspot

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



72.8747, 72.7918, 66.0874



90.3830, 93.8425, 97.5511



73.2555, 67.4457, 85.0435



19.2097, 19.9060, 20.5514



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.



72.8747, 72.7918, 66.0874



77.1387, 76.1043, 66.1603



78.6355, 84.3133, 68.0077



16.9398, 17.3638, 17.2563



21.9351, 13.7558, 1.4990



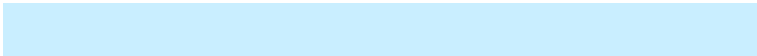
2.0176, 1.3883, 0.1616

Inverse Universe

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



69.4139, 76.2991, 97.4554



72.7049, 80.5927, 106.3317



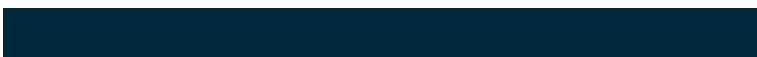
63.8572, 65.1857, 95.6031



16.5153, 17.7948, 21.1069



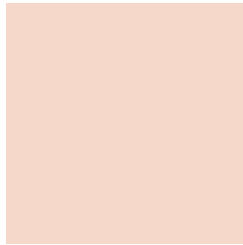
16.2788, 18.3514, 49.2222



1.5240, 1.7994, 4.3572

Previews

White Background



This preview shows how the XYZ color 72.8727, 72.7885, 66.0859 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 72.8727, 72.7885, 66.0859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

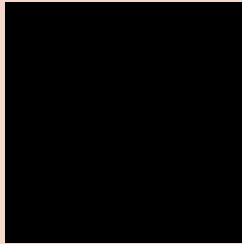
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.8727, 72.7885, 66.0859

Background



This preview shows how black text looks on a background with the XYZ color 72.8727, 72.7885, 66.0859.

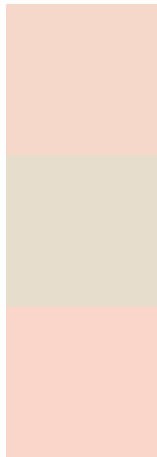


This preview shows how white text looks on a background with the XYZ color 72.8727, 72.7885,

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

72.8727, 72.7885, 66.0859

Protanopia

69.5090, 72.9437, 68.1736

Deuteranopia

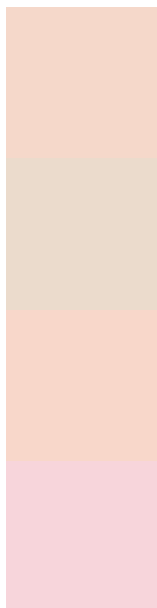
74.1316, 72.6814, 65.9989



Tritanopia

76.3977, 72.7006, 84.1348

Trichromacy



Original Color

72.8727, 72.7885, 66.0859

Protanomaly

70.4916, 72.6848, 67.4410

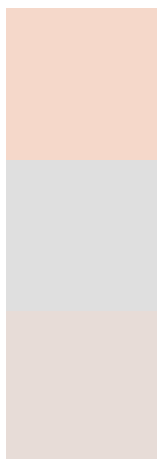
Deuteranomaly

73.6725, 72.8216, 66.0501

Tritanomaly

74.9382, 72.4771, 77.0576

Monochromacy



Original Color

72.8727, 72.7885, 66.0859

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.8139, 73.0816, 74.6638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8727, 72.7885, 66.0859 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, 216, 202) looks like.

```
.text, #text, p{  
    color:rgb(245, 216, 202)  
}
```

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, 216, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 216, 202) }
```

Border

The CSS property to change the border of an element to XYZ 72.8727, 72.7885, 66.0859 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, 216, 202) }
```


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

```
.border{ border-color:rgb(245, 216, 202) }
```

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

Here you see how a box with a 4 pixel rgb(245, 216, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 216, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 216, 202);  
box-shadow:4px 4px 4px 4px rgb(245, 216,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8727, 72.7885, 66.0859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 216, 202) }
```

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

```
.background{ background-color: rgb(245,  
216, 202) }
```

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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