

Converting Colors

XYZ(71.7472, 72.3787, 58.3331)

Have a look what the booklet for
XYZ(71.7472, 72.3787, 58.3331)
contains.

XYZ(71.7472, 72.3787, 58.3331)	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(71.7472, 72.3787,
58.3331)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D8BD
RGB	246, 216, 189
RGB Percent	96%, 85%, 74%
CMY	0.0353, 0.1529, 0.2588
CMYK	0.00, 0.12, 0.23, 0.04
HSL	28°, 76%, 85%
HSV	28°, 23%, 96%
XYZ	71.7472, 72.3787, 58.3331
YIQ	221.8920, 26.5470, -2.0370

Conversions

Conversions Part 2

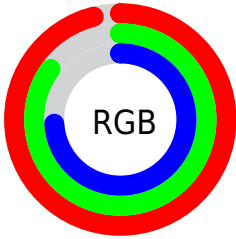
Format	Color
R _Y B	246, 240, 189
Decimal	16177341
CIE Lab	88.15, 6.33, 17.13
CIE LCh	88, 18.268, 69.711
Yxy	72.3787, 0.3544, 0.3575
Android (android.graphics.Color)	4294367421 (0xFFFF6D8BD)
YUV	221.8920, -16.2158, 21.1427
Hunter-Lab	85.0757, 1.6527, 18.9001

Details

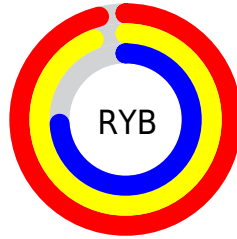
The XYZ color **71.7472, 72.3787, 58.3331** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.9518, 68.1338, 97.0224**, and the grayscale version is **69.4543, 73.0713, 79.5746**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **38.1751, 38.0861, 28.6319** is the 20% darker color. If you saturate the color by 10%, you get **66.1137, 65.0284, 44.3796**, and if you desaturate by 10%, it is **78.0988, 80.4393, 74.7621**.

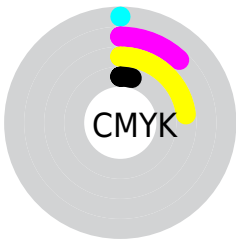
Distribution



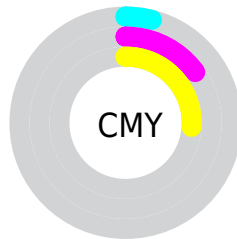
- Red (96%)
- Green (85%)
- Blue (74%)



- Red (96%)
- Yellow (94%)
- Blue (74%)



- Cyan (0%)
- Magenta (12%)
- Yellow (23%)
- Black (4%)





- Cyan (4%)
- Magenta (15%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.7472, 72.3787, 58.3331 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 71.7472, 72.3787, 58.3331 by changing the saturation by 10% instead.

 71.7472, 72.3787,
58.3331

 71.7472, 72.3787,
58.3331


455.8325,
468.8586, 436.0589

 53.2369, 53.4681,
41.6600


 120.7098,
122.5948, 103.9273

 38.2202, 38.1766,
28.5116


151.8928,
154.6691, 133.6856

 26.3316, 26.1198,
18.4693


188.0308,
191.9000, 168.6426

 17.2059, 16.9133,
11.1145

229.4891,
234.6720, 209.2170

 10.4776, 10.1727,
6.0288

276.6331,
283.3695, 255.8273

 5.7814, 5.5136,
2.7935

329.8280,

 2.7520, 2.5516,

338.3768, 308.8920

0.9902

389.4394,
400.0784, 368.8297

■ 1.0240, 0.9024,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.7472, 72.3787,
58.3331

■ 71.7472, 72.3787,
58.3331

■ 66.1137, 65.0284,
44.3796

■ 78.0988, 80.4393,
74.7621

■ 61.1637, 58.3576,
32.7748

■ 85.1898, 89.2205,
93.7757

■ 56.8682, 52.3470,
23.3872

■ 91.7657, 98.2320,
108.7318

■ 53.1932, 46.9730,
16.0708

■ 91.8162, 98.3329,
108.7487

■ 50.1013, 42.2097,
10.6612

■ 47.5501, 38.0290,
6.9689

■ 45.4889, 34.3988,
4.7643

■ 44.3150, 32.2105,
3.8816

Harmonies

Analogous

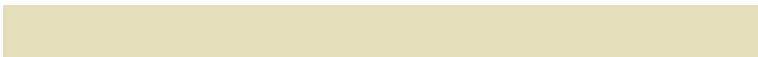
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.4586, 72.3787, 64.4186



71.7472, 72.3787, 58.3331



67.3870, 72.3787, 57.3990

Triad

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



71.7472, 72.3787, 58.3331



60.8436, 72.3787, 82.9349



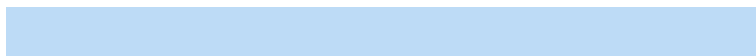
74.3001, 72.3787, 98.7961

Complementary

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



71.7472, 72.3787, 58.3331



62.9518, 68.1338, 97.0224

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.



70.2200, 72.3787, 104.9715



71.7472, 72.3787, 58.3331



62.5334, 72.3787, 95.1952

Square

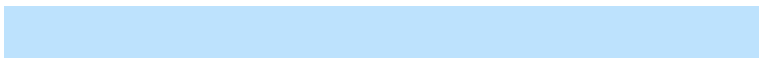
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.7472, 72.3787, 58.3331



61.2136, 72.3787, 70.7587



65.9225, 72.3787, 103.5882



76.9752, 72.3787, 87.4459

Rectangle

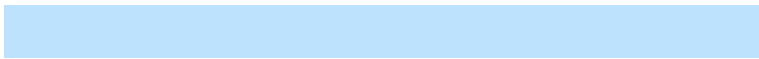
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.7472, 72.3787, 58.3331



64.7149, 72.3787, 59.7099



65.9225, 72.3787, 103.5882



73.0405, 72.3787, 101.5978

Sweetspot

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



71.7491, 72.3820, 58.3346



89.3843, 93.0558, 93.4862



69.0432, 61.1245, 75.4542



19.0314, 19.7936, 19.7397



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.



71.7491, 72.3820, 58.3346



74.7730, 74.5503, 55.5765



79.5726, 88.0290, 60.9424



17.1467, 17.7774, 17.3252



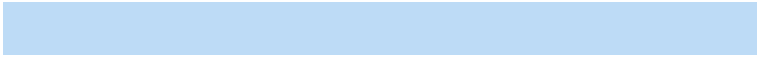
23.7917, 17.4690, 2.1179



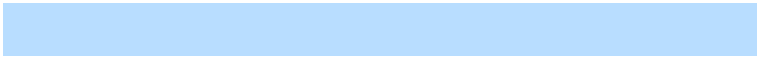
2.1932, 1.7396, 0.2202

Inverse Universe

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



62.9518, 68.1338, 97.0224



63.6235, 69.1651, 104.6046



56.2307, 54.6916, 94.7820



16.3029, 17.3701, 21.0361



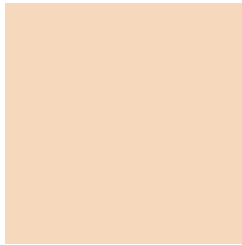
13.2426, 12.2789, 48.2101



1.2668, 1.2850, 4.2715

Previews

White Background



This preview shows how the XYZ color 71.7472, 72.3787, 58.3331 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 71.7472, 72.3787, 58.3331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

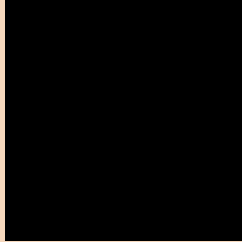
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.7472, 72.3787, 58.3331

Background



This preview shows how black text looks on a background with the XYZ color 71.7472, 72.3787, 58.3331.



This preview shows how white text looks on a background with the XYZ color 71.7472, 72.3787,

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

71.7472, 72.3787, 58.3331

Protanopia

68.5391, 72.6303, 59.6969

Deuteranopia

73.9616, 72.3770, 58.7872



Tritanopia

76.9431, 72.6438, 82.6394

Trichromacy



Original Color

71.7472, 72.3787, 58.3331

Protanomaly

69.5508, 72.3853, 59.0212

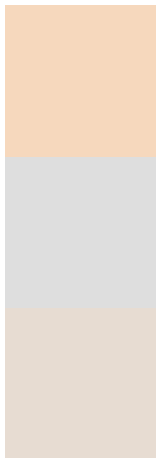
Deuteranomaly

73.1245, 72.3201, 58.8203

Tritanomaly

74.8714, 72.5323, 73.0048

Monochromacy



Original Color

71.7472, 72.3787, 58.3331

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.1811, 72.8285, 71.3311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7472, 72.3787, 58.3331 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(246, 216, 189) looks like.

```
.text, #text, p{  
    color:rgb(246, 216, 189)  
}
```

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(246, 216, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 216, 189) }
```

Border

The CSS property to change the border of an element to XYZ 71.7472, 72.3787, 58.3331 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(246, 216, 189) }
```


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

```
.border{ border-color:rgb(246, 216, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 216, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 216, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 216, 189);  
box-shadow:4px 4px 4px 4px rgb(246, 216,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7472, 72.3787, 58.3331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 216, 189) }
```

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

```
.background{ background-color: rgb(246,  
216, 189) }
```

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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