

Converting Colors

XYZ(71.3689, 71.9664, 59.9628)

Have a look what the booklet for
XYZ(71.3689, 71.9664, 59.9628)
contains.

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Color

**XYZ(71.3785, 72.1506,
60.0336)**

Conversions

| Conversions Part 1 | |
|--------------------|----------------------------|
| Format | Color |
| Hex | F4D8C0 |
| RGB | 244, 216, 192 |
| RGB Percent | 96%, 85%, 75% |
| CMY | 0.0431, 0.1529, 0.2471 |
| CMYK | 0.00, 0.11, 0.21, 0.04 |
| HSL | 28°, 70%, 85% |
| HSV | 28°, 21%, 96% |
| XYZ | 71.3785, 72.1506, 60.0336 |
| YIQ | 221.6360, 24.3920, -1.5280 |

Conversions

Conversions Part 2

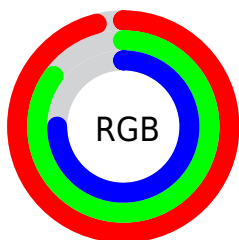
| Format | Color |
|-------------------------------------|---|
| RYB | 244, 237, 192 |
| Decimal | 16046272 |
| CIELab | 88.04, 6.03, 15.38 |
| CIELCh | 88, 16.520, 68.609 |
| Yxy | 72.1506, 0.3506, 0.3544 |
| Android (android.graphics.Color) | 4294236352 (0xFFFF4D8C0) |
| YUV | 221.6360, -14.6105, 19.6132 |
| Hunter-Lab | 84.9415, 1.3504, 17.5550 |

Details

The XYZ color **71.3785, 72.1506, 60.0336** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.6601, 68.9228, 95.5365**, and the grayscale version is **69.2637, 72.8708, 79.3563**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **37.8258, 37.8895, 29.3645** is the 20% darker color. If you saturate the color by 10%, you get **65.6644, 64.6959, 45.8782**, and if you desaturate by 10%, it is **77.8138, 80.3292, 76.6423**.

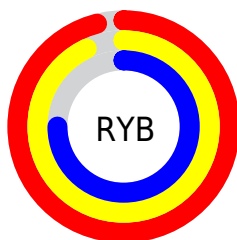
Distribution



Red (96%)

Green (85%)

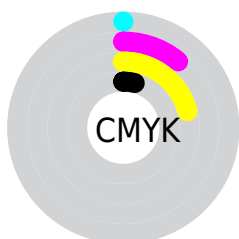
Blue (75%)



Red (96%)

Yellow (93%)

Blue (75%)

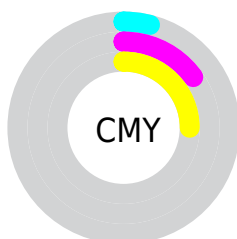


Cyan (0%)

Magenta (11%)

Yellow (21%)

Black (4%)



Cyan (4%)


Magenta (15%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.3785, 72.1506, 60.0336 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 71.3785, 72.1506, 60.0336 by changing the saturation by 10% instead.


 71.3785, 72.1506,
60.0336

 71.3785, 72.1506,
60.0336

454.5668,
468.0656, 442.5297

 52.9348, 53.2817,
43.0202

 120.1881,
122.2706, 106.4223

 37.9780, 38.0277,
29.5695


151.2847,
154.2905, 136.6346

 26.1427, 26.0042,
19.2628

187.3296,
191.4629, 172.0838

 17.0637, 16.8268,
11.6816

228.6882,
234.1722, 213.1882

 10.3755, 10.1111,
6.4073

275.7259,
282.8027, 260.3665

 5.7128, 5.4727,
3.0216


328.8080,

 2.7102, 2.5272,


337.7388, 314.0371


1.1056


388.2998,
399.3650, 374.6187


 1.0024, 0.8902,
0.0000


 0.0000, 0.0000,
0.0000


 71.3785, 72.1506,
60.0336


 71.3785, 72.1506,
60.0336


 65.6644, 64.6959,
45.8782


 77.8138, 80.3292,
76.6423

 60.6374, 57.9341,
34.0532

 84.9910, 89.2423,
95.8100

 56.2690, 51.8458,
24.4319

 91.1184, 97.9732,
108.7160

 52.5261, 46.4071,
16.8734

■ 49.3722, 41.5920,
11.2205

■ 46.7662, 37.3724,
7.2925

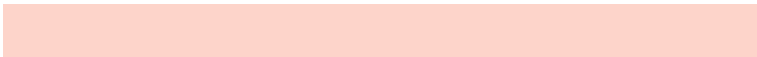
■ 44.6599, 33.7166,
4.8734

■ 43.1733, 30.9629,
3.7010

Harmonies

Analogous

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



74.6713, 72.1506, 65.7794



71.3785, 72.1506, 60.0336



67.4488, 72.1506, 58.9943

Triad

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



71.3785, 72.1506, 60.0336



61.3533, 72.1506, 81.8536



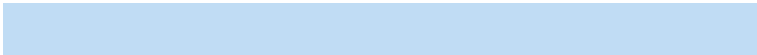
73.4156, 72.1506, 96.7703

Complementary

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



71.3785, 72.1506, 60.0336



63.6601, 68.9228, 95.5365

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.



69.7177, 72.1506, 102.0334



71.3785, 72.1506, 60.0336



62.8236, 72.1506, 92.8967

Square

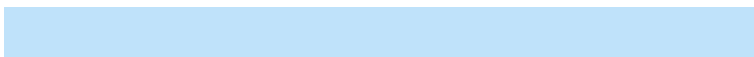
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.3785, 72.1506, 60.0336



61.7597, 72.1506, 70.9062



65.8497, 72.1506, 100.5518



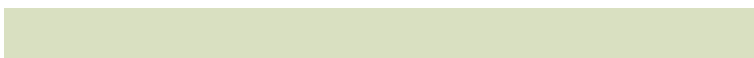
75.8784, 72.1506, 86.7451

Rectangle

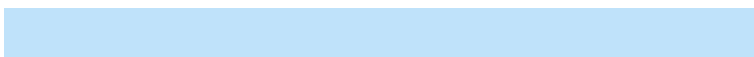
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.3785, 72.1506, 60.0336



65.0117, 72.1506, 61.0040



65.8497, 72.1506, 100.5518



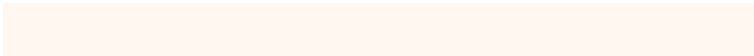
72.2702, 72.1506, 99.1967

Sweetspot

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



71.3804, 72.1539, 60.0351



90.1120, 93.9101, 95.5817



69.1564, 62.1324, 76.4761



19.1765, 19.9626, 20.1617



0.0000, 0.0000, 0.0000



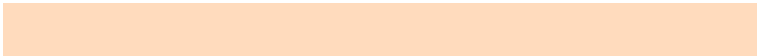
20.3446, 21.4041, 23.3091

Same Dimension

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



71.3804, 72.1539, 60.0351



75.8043, 75.7441, 58.5983



78.3970, 86.1870, 62.3740



17.1295, 17.7432, 17.3195



23.6086, 17.1028, 2.0569



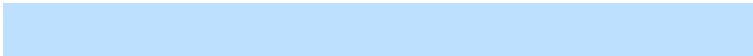
2.1766, 1.7064, 0.2147

Inverse Universe

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



63.6601, 68.9228, 95.5365



65.7235, 71.5237, 104.9492



57.4938, 56.5903, 93.4811



16.3202, 17.4047, 21.0418



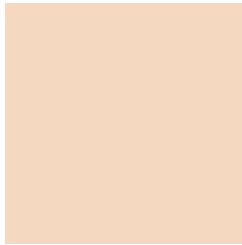
13.4569, 12.7076, 48.2816



1.2855, 1.3224, 4.2777

Previews

White Background



This preview shows how the XYZ color 71.3785, 72.1506, 60.0336 looks on a white background.

Color Contrast Check

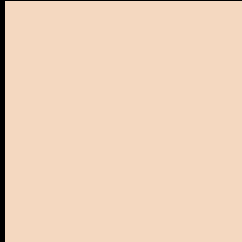
Large Text (above 18pt) WCAG AA × Fail

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 71.3785, 72.1506, 60.0336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

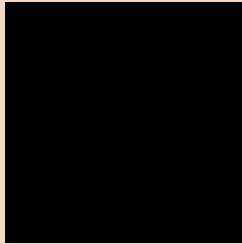
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

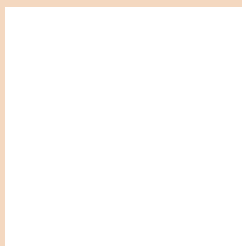
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.3785, 72.1506, 60.0336

Background



This preview shows how black text looks on a background with the XYZ color 71.3785, 72.1506, 60.0336.

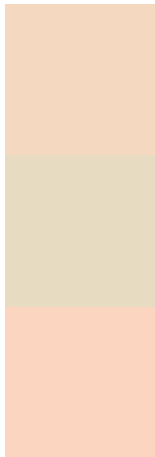


This preview shows how white text looks on a background with the XYZ color 71.3785, 72.1506,

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

71.3785, 72.1506, 60.0336

Protanopia

68.2858, 72.0704, 61.3509

Deuteranopia

73.5648, 72.1342, 60.4981




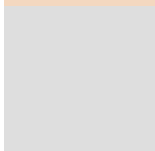
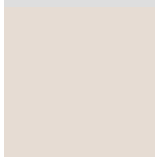
Tritanopia

75.8708, 72.0910, 82.5892

Trichromacy

| | |
|---|--|
|  | Original Color 71.3785, 72.1506, 60.0336 |
|  | Protanomaly 69.5492, 72.3462, 60.7506 |
|  | Deuteranomaly 72.7391, 72.0831, 60.5317 |
|  | Tritanomaly 74.2896, 72.2177, 73.6423 |

Monochromacy

| | |
|---|--|
|  | Original Color 71.3785, 72.1506, 60.0336 |
|  | Achromatopsia 69.4303, 73.0461, 79.5472 |
|  | Achromatomaly 69.9842, 72.7125, 71.9744 |

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3785, 72.1506, 60.0336 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(244, 216, 192) looks like.

```
.text, #text, p{  
    color:rgb(244, 216, 192)  
}
```

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(244, 216, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 216, 192) }
```

Border

The CSS property to change the border of an element to XYZ 71.3785, 72.1506, 60.0336 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(244, 216, 192) }
```


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

```
.border{ border-color:rgb(244, 216, 192) }
```

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

Here you see how a box with a 4 pixel rgb(244, 216, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 216, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 216, 192);  
box-shadow:4px 4px 4px 4px rgb(244, 216,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3785, 72.1506, 60.0336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 216, 192) }
```

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

```
.background{ background-color: rgb(244,  
216, 192) }
```

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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double the colors in the color bucket, and more
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