

Converting Colors

XYZ(73.4885, 73.4460, 68.0608)

Have a look what the booklet for
XYZ(73.4885, 73.4460, 68.0608)
contains.

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Color

**XYZ(73.4885, 73.4460,
68.0608)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D9CD
RGB	245, 217, 205
RGB Percent	96%, 85%, 80%
CMY	0.0392, 0.1490, 0.1961
CMYK	0.00, 0.11, 0.16, 0.04
HSL	18°, 67%, 88%
HSV	18°, 16%, 96%
XYZ	73.4885, 73.4460, 68.0608
YIQ	224.0040, 20.5400, 2.2040

Conversions

Conversions Part 2

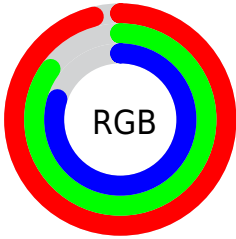
Format	Color
RYB	245, 222, 205
Decimal	16112077
CIELab	88.66, 7.79, 9.44
CIELCh	89, 12.243, 50.471
Yxy	73.4460, 0.3418, 0.3416
Android (android.graphics.Color)	4294302157 (0xFFF5D9CD)
YUV	224.0040, -9.3690, 18.4135
Hunter-Lab	85.7006, 3.0880, 12.9042

Details

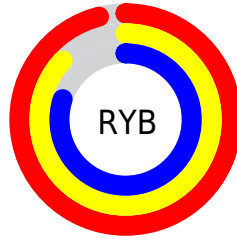
The XYZ color **73.4885, 73.4460, 68.0608** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.7967, 77.8477, 97.6816**, and the grayscale version is **70.9107, 74.6035, 81.2433**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2453, 38.7664, 34.6924** is the 20% darker color. If you saturate the color by 10%, you get **66.5675, 63.9716, 52.2876**, and if you desaturate by 10%, it is **81.3359, 84.0307, 86.4292**.

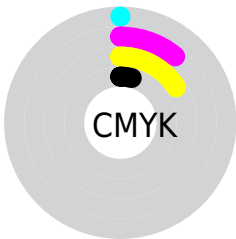
Distribution



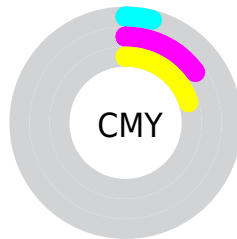
- Red (96%)
- Green (85%)
- Blue (80%)



- Red (96%)
- Yellow (87%)
- Blue (80%)



- Cyan (0%)
- Magenta (11%)
- Yellow (16%)
- Black (4%)




- Cyan (4%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4885, 73.4460, 68.0608 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 73.4885, 73.4460, 68.0608 by changing the saturation by 10% instead.

 73.4885, 73.4460,
68.0608

 73.4885, 73.4460,
68.0608


461.7837,
472.5591, 472.3153

 54.6653, 54.3407,
49.4802


123.1699,
124.1102, 118.0942

 39.3666, 38.8741,
34.6323


154.7587,
156.4378, 150.3840

 27.2270, 26.6618,
23.0985


191.3335,
193.9418, 188.0807

 17.8813, 17.3194,
14.4602

233.2596,
237.0064, 231.6027

 10.9640, 10.4625,
8.2991

280.9023,
286.0160, 281.3686

 6.1097, 5.7067,
4.1964

334.6270,

 2.9532, 2.6675,

341.3551, 337.7970

1.7337

394.7990,
403.4080, 401.3064

■ 1.1291, 0.9607,
0.3837

■ 0.0492, 0.0000,
0.0000

■ 73.4885, 73.4460,
68.0608

■ 73.4885, 73.4460,
68.0608

■ 66.5675, 63.9716,
52.2876

■ 81.3359, 84.0307,
86.4292

■ 60.5314, 55.5611,
38.9871

■ 90.1372, 95.7507,
107.4983

■ 55.3445, 48.1793,
28.0339

■ 91.4665, 98.1526,
108.7323

■ 50.9659, 41.7852,
19.2894

■ 47.3512, 36.3347,
12.6006

■ 44.4514, 31.7805,
7.7945

■ 42.2105, 28.0702,
4.6693

■ 40.5619, 25.1446,
2.9740

■ 40.0739, 24.2475,
2.5681

Harmonies

Analogous

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



75.2695, 73.4460, 74.4113



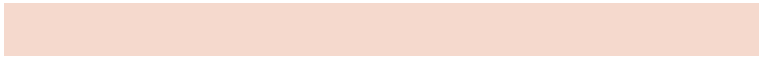
73.4885, 73.4460, 68.0608



70.7533, 73.4460, 64.9674

Triad

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



73.4885, 73.4460, 68.0608



64.3517, 73.4460, 77.3058



71.8149, 73.4460, 96.2096

Complementary

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



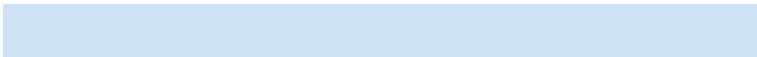
73.4885, 73.4460, 68.0608



70.7967, 77.8477, 97.6816

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.



68.8716, 73.4460, 97.1213



73.4885, 73.4460, 68.0608



64.6177, 73.4460, 85.7993

Square

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



73.4885, 73.4460, 68.0608



65.5155, 73.4460, 70.0511



66.2529, 73.4460, 93.1937



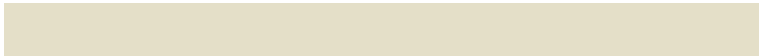
74.2845, 73.4460, 90.7841

Rectangle

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



73.4885, 73.4460, 68.0608



68.7803, 73.4460, 65.0079



66.2529, 73.4460, 93.1937



70.8463, 73.4460, 97.0683

Sweetspot

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



73.4905, 73.4493, 68.0623



90.2836, 93.6439, 97.5180



74.1963, 68.9593, 86.4915



19.1856, 19.8579, 20.5434



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.



73.4905, 73.4493, 68.0623



77.5505, 76.4425, 67.7943



78.9606, 84.3894, 69.8857



16.9045, 17.2932, 17.2445



21.6939, 13.2734, 1.4186



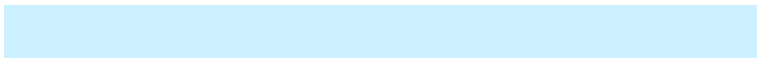
1.9929, 1.3390, 0.1534

Inverse Universe

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



70.7967, 77.8477, 97.6816



74.0219, 82.1975, 106.5721



65.4534, 67.1612, 95.9005



16.5524, 17.8690, 21.1192



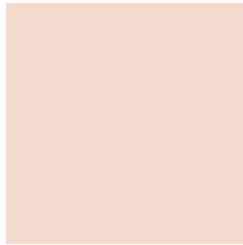
16.8992, 19.5922, 49.4290



1.5750, 1.9014, 4.3742

Previews

White Background



This preview shows how the XYZ color 73.4885, 73.4460, 68.0608 looks on a white background.

Color Contrast Check

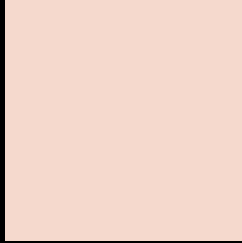
Large Text (above 18pt) WCAG AA × Fail

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 73.4885, 73.4460, 68.0608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

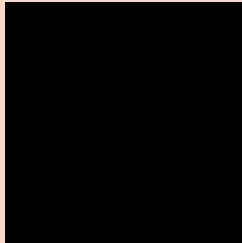
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

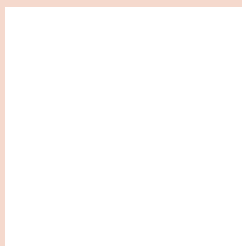
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4885, 73.4460, 68.0608

Background



This preview shows how black text looks on a background with the XYZ color 73.4885, 73.4460, 68.0608.



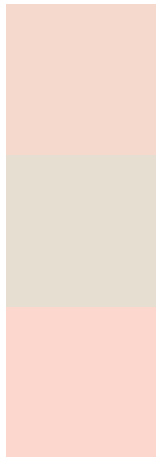
This preview shows how white text looks on a background with the XYZ color 73.4885, 73.4460,

68.0608.

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

73.4885, 73.4460, 68.0608

Protanopia

70.1396, 73.6196, 70.1878

Deuteranopia

75.1035, 73.5179, 67.9896



Tritanopia

76.7886, 73.2581, 84.9559

Trichromacy



Original Color

73.4885, 73.4460, 68.0608

Protanomaly

71.1166, 73.3536, 69.4419

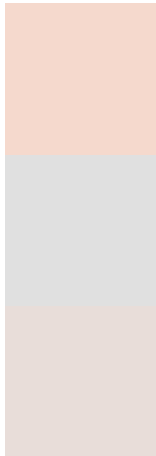
Deuteranomaly

74.6422, 73.6592, 68.0412

Tritanomaly

75.4555, 73.0877, 78.5370

Monochromacy



Original Color

73.4885, 73.4460, 68.0608

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.6595, 73.8785, 76.1287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4885, 73.4460, 68.0608 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, 217, 205)` looks like.

```
.text, #text, p{  
    color:rgb(245, 217, 205)  
}
```

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, 217, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 217, 205) }
```

Border

The CSS property to change the border of an element to XYZ 73.4885, 73.4460, 68.0608 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, 217, 205) }
```


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

```
.border{ border-color:rgb(245, 217, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 217, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 217, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 217, 205);  
box-shadow:4px 4px 4px 4px rgb(245, 217,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4885, 73.4460, 68.0608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 217, 205) }
```

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

```
.background{ background-color: rgb(245,  
217, 205) }
```

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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