

Converting Colors

XYZ(67.4281, 69.5970, 48.9094)

Have a look what the booklet for
XYZ(67.4281, 69.5970, 48.9094)
contains.

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Color

**XYZ(67.4281, 69.5970,
48.9094)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D6AC
RGB	240, 214, 172
RGB Percent	94%, 84%, 67%
CMY	0.0588, 0.1608, 0.3255
CMYK	0.00, 0.11, 0.28, 0.06
HSL	37°, 69%, 81%
HSV	37°, 28%, 94%
XYZ	67.4281, 69.5970, 48.9094
YIQ	216.9860, 28.9780, -7.5500

Conversions

Conversions Part 2

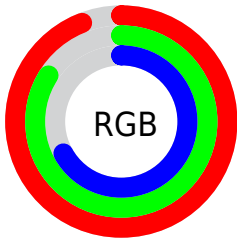
Format	Color
RYB	214, 240, 172
Decimal	15783596
CIELab	86.80, 2.84, 24.07
CIELCh	87, 24.236, 83.280
Yxy	69.5970, 0.3626, 0.3743
Android (android.graphics.Color)	4293973676 (0xFFFF0D6AC)
YUV	216.9860, -22.1781, 20.1833
Hunter-Lab	83.4248, -1.7208, 23.6375

Details

The XYZ color **67.4281, 69.5970, 48.9094** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.9349, 55.4483, 90.3507**, and the grayscale version is **66.0786, 69.5198, 75.7071**.

A 20% lighter version of the original color is **91.0036, 98.3814, 87.5919**, and **35.2563, 36.1955, 22.5810** is the 20% darker color. If you saturate the color by 10%, you get **63.0717, 64.2456, 37.0941**, and if you desaturate by 10%, it is **72.3352, 75.3829, 62.9635**.

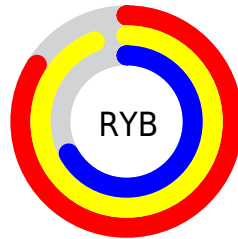
Distribution



Red (94%)

Green (84%)

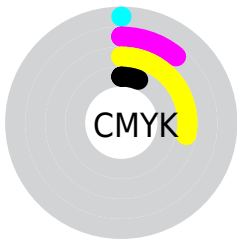
Blue (67%)



Red (84%)

Yellow (94%)

Blue (67%)

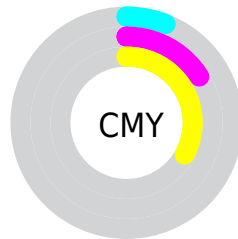


Cyan (0%)

Magenta (11%)

Yellow (28%)

Black (6%)



Cyan (6%)

Magenta (16%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.4281, 69.5970, 48.9094 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 67.4281, 69.5970, 48.9094 by changing the saturation by 10% instead.

67.4281, 69.5970,
48.9094

67.4281, 69.5970,
48.9094

440.8756,
459.1337, 398.9977

49.7046, 51.1981,
34.1825

114.5800,
118.6339, 89.9365

35.3956, 36.3663,
22.7554

144.7392,
150.0406, 117.0737

24.1357, 24.7172,
14.2094

179.7742,
186.5520, 149.1849

15.5596, 15.8665,
8.1260

220.0505,
228.5526, 186.6885

9.3019, 9.4297,
4.0868

265.9335,
276.4266, 230.0030

4.9973, 5.0225,
1.6731

317.7884,

2.2804, 2.2605,

330.5586, 279.5470

0.3422

375.9807,
391.3328, 335.7391

■ 0.7846, 0.7527,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.4281, 69.5970,
48.9094

■ 67.4281, 69.5970,
48.9094

■ 63.0717, 64.2456,
37.0941

■ 72.3352, 75.3829,
62.9635

■ 59.2361, 59.3059,
27.3945

■ 77.8104, 81.6061,
79.3619

■ 55.8963, 54.7669,
19.6820

■ 83.8770, 88.2818,
98.2087

■ 53.0228, 50.6132,
13.8125

■ 88.3901, 94.5551,
108.2000

■ 50.5824, 46.8278,
9.6217

■ 89.7452, 97.2653,
108.6517

■ 48.5359, 43.3913,
6.9160

■ 46.8291, 40.2780,
5.4212

■ 46.5651, 39.7851,
5.2250

Harmonies

Analogous

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



72.8543, 69.5970, 53.4929



67.4281, 69.5970, 48.9094



61.9519, 69.5970, 50.6606

Triad

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



67.4281, 69.5970, 48.9094



56.6718, 69.5970, 88.7415



75.2375, 69.5970, 95.9267

Complementary

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



67.4281, 69.5970, 48.9094



52.9349, 55.4483, 90.3507

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.



70.5333, 69.5970, 108.0714



67.4281, 69.5970, 48.9094



59.8699, 69.5970, 103.5280

Square

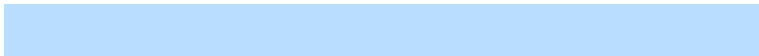
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.4281, 69.5970, 48.9094



55.9450, 69.5970, 72.1997



64.8879, 69.5970, 111.0343



77.5259, 69.5970, 79.4753

Rectangle

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



67.4281, 69.5970, 48.9094



58.9840, 69.5970, 55.3264



64.8879, 69.5970, 111.0343



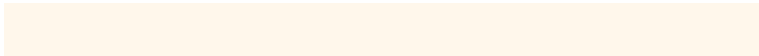
73.8738, 69.5970, 100.7379

Sweetspot

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



67.4299, 69.6002, 48.9108



89.5001, 93.8800, 91.6981



60.8889, 52.1113, 60.3164



18.9439, 19.8559, 18.9785



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.



67.4299, 69.6002, 48.9108



74.4192, 76.2650, 47.9908



71.9071, 82.4658, 51.1582



16.5859, 17.3850, 16.6312



25.6230, 22.0440, 2.9044



2.2274, 2.0255, 0.2736

Inverse Universe

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



52.9349, 55.4483, 90.3507



55.2525, 57.5579, 102.8054



49.2883, 45.4925, 88.6213



15.3926, 16.2192, 20.0410



10.8116, 7.8475, 46.0727



0.9927, 0.8394, 3.8639

Previews

White Background



This preview shows how the XYZ color 67.4281, 69.5970, 48.9094 looks on a white background.

Color Contrast Check

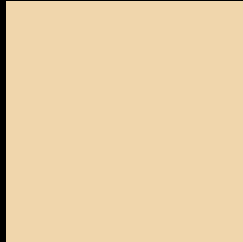
Large Text (above 18pt) WCAG AA × Fail

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 67.4281, 69.5970, 48.9094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

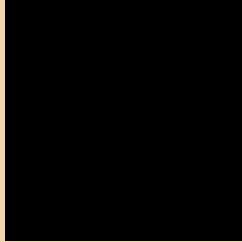
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.4281, 69.5970, 48.9094

Background



This preview shows how black text looks on a background with the XYZ color 67.4281, 69.5970, 48.9094.



This preview shows how white text looks on a background with the XYZ color 67.4281, 69.5970,

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

67.4281, 69.5970, 48.9094

Protanopia

65.3107, 69.6318, 49.5332

Deuteranopia

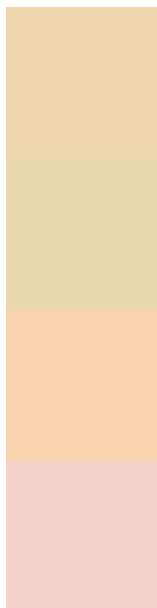
71.2163, 69.6889, 49.2330



Tritanopia

73.6381, 69.5462, 79.3546

Trichromacy



Original Color

67.4281, 69.5970, 48.9094

Protanomaly

66.0304, 69.6213, 49.4932

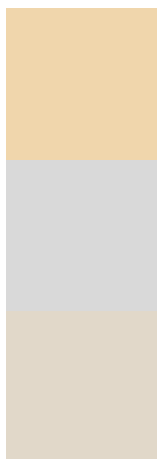
Deuteranomaly

69.9040, 69.7454, 49.3130

Tritanomaly

71.2539, 69.6859, 66.8220

Monochromacy



Original Color

67.4281, 69.5970, 48.9094

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.1498, 69.3363, 65.1551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4281, 69.5970, 48.9094 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(240, 214, 172)` looks like.

```
.text, #text, p{  
    color:rgb(240, 214, 172)  
}
```

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(240, 214, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 214, 172) }
```

Border

The CSS property to change the border of an element to XYZ 67.4281, 69.5970, 48.9094 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(240, 214, 172) }
```


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

```
.border{ border-color:rgb(240, 214, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 214, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 214, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 214, 172);  
box-shadow:4px 4px 4px 4px rgb(240, 214,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4281, 69.5970, 48.9094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 214, 172) }
```

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

```
.background{ background-color: rgb(240,  
214, 172) }
```

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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