

Converting Colors

XYZ(64.1129, 65.1402, 48.4923)

Have a look what the booklet for
XYZ(64.1129, 65.1402, 48.4923)
contains.

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Color

**XYZ(64.1166, 65.3049,
48.7610)**

Conversions

Conversions Part 1

Format	Color
Hex	EBCFAD
RGB	235, 207, 173
RGB Percent	92%, 81%, 68%
CMY	0.0784, 0.1882, 0.3216
CMYK	0.00, 0.12, 0.26, 0.08
HSL	33°, 61%, 80%
HSV	33°, 26%, 92%
XYZ	64.1166, 65.3049, 48.7610
YIQ	211.4960, 27.6020, -4.6380

Conversions

Conversions Part 2

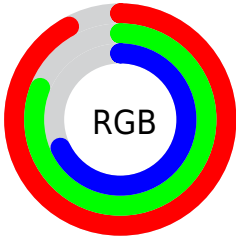
Format	Color
R _Y B	224, 235, 173
Decimal	15454125
CIE Lab	84.64, 4.72, 20.50
CIE LCh	85, 21.038, 77.048
Yxy	65.3049, 0.3598, 0.3665
Android (android.graphics.Color)	4293644205 (0xFFEBCFAD)
YUV	211.4960, -18.9785, 20.6130
Hunter-Lab	80.8114, 0.2036, 20.7929

Details

The XYZ color **64.1166, 65.3049, 48.7610** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.1153, 56.6543, 86.7335**, and the grayscale version is **62.3553, 65.6026, 71.4413**.

A 20% lighter version of the original color is **91.1429, 98.4371, 88.3253**, and **33.4328, 33.7466, 22.8408** is the 20% darker color. If you saturate the color by 10%, you get **59.5551, 59.5063, 36.9912**, and if you desaturate by 10%, it is **69.2543, 71.6150, 62.6975**.

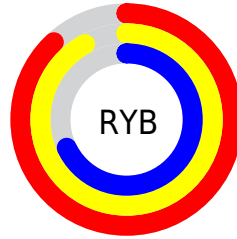
Distribution



Red (92%)

Green (81%)

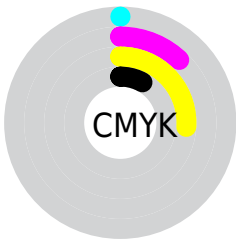
Blue (68%)



Red (88%)

Yellow (92%)

Blue (68%)

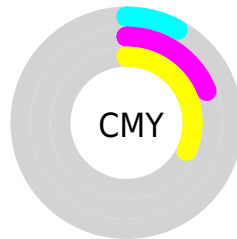


Cyan (0%)

Magenta (12%)

Yellow (26%)

Black (8%)



Cyan (8%)


Magenta (19%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.1166, 65.3049, 48.7610 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 64.1166, 65.3049, 48.7610 by changing the saturation by 10% instead.


 64.1166, 65.3049,
48.7610

 64.1166, 65.3049,
48.7610

429.2061,
443.8868, 398.3961

 47.0072, 47.7084,
34.0657


 109.8516,
112.4881, 89.7137

 33.2493, 33.5960,
22.6663


139.2079,
142.8435, 116.8081

 22.4776, 22.5834,
14.1443


173.3772,
178.2207, 148.8727

 14.3268, 14.2862,
8.0812

212.7249,
219.0041, 186.3259

 8.4316, 8.3200,
4.0584

257.6163,
265.5780, 229.5863

 4.4264, 4.3004,
1.6575

308.4167,

 1.9461, 1.8430,

318.3268, 279.0724

0.3313

365.4915,
377.6349, 335.2028

■ 0.6034, 0.5137,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.1166, 65.3049,
48.7610

■ 64.1166, 65.3049,
48.7610

■ 59.5551, 59.5063,
36.9912

■ 69.2543, 71.6150,
62.6975

■ 55.5404, 54.1953,
27.2727

■ 74.9858, 78.4420,
78.9001

■ 52.0479, 49.3586,
19.4852

■ 81.3341, 85.8025,
97.4668

■ 49.0486, 44.9790,
13.4941

■ 86.3261, 92.9123,
107.9917

■ 46.5101, 41.0376,
9.1475

■ 88.0711, 96.4022,
108.5734

■ 44.3952, 37.5134,
6.2675

■ 42.6580, 34.3815,
4.6321

■ 42.0967, 33.3335,
4.2153

Harmonies

Analogous

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



68.4295, 65.3049, 53.8057



64.1166, 65.3049, 48.7610



59.4602, 65.3049, 49.1340

Triad

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



64.1166, 65.3049, 48.7610



53.8303, 65.3049, 78.9613



68.9177, 65.3049, 90.2254

Complementary

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



64.1166, 65.3049, 48.7610



53.1153, 56.6543, 86.7335

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.



64.7558, 65.3049, 98.8107



64.1166, 65.3049, 48.7610



56.1179, 65.3049, 91.7661

Square

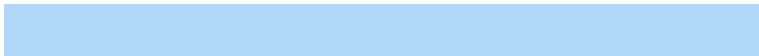
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.1166, 65.3049, 48.7610



53.6786, 65.3049, 65.4650



60.0681, 65.3049, 99.4076



71.2941, 65.3049, 77.0620

Rectangle

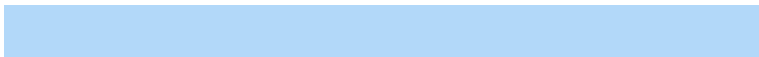
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.1166, 65.3049, 48.7610



56.7868, 65.3049, 52.3962



60.0681, 65.3049, 99.4076



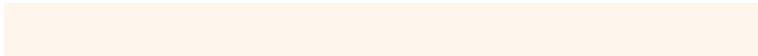
67.6719, 65.3049, 93.8109

Sweetspot

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



64.1183, 65.3079, 48.7624



89.0692, 93.0181, 91.5544



59.8579, 51.8112, 62.6822



18.8352, 19.6386, 18.9422



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.



64.1183, 65.3079, 48.7624



73.9331, 74.5157, 50.2247



70.8341, 79.7466, 51.1954



15.7503, 16.4235, 15.8586



23.5580, 18.8103, 2.3891



1.9458, 1.6689, 0.2196

Inverse Universe

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



53.1153, 56.6543, 86.7335



58.4794, 62.3644, 103.5631



47.6339, 45.0079, 84.7744



14.7913, 15.6691, 19.1671



11.3442, 9.3353, 44.9470



0.9857, 0.9228, 3.5610

Previews

White Background



This preview shows how the XYZ color 64.1166, 65.3049, 48.7610 looks on a white background.

Color Contrast Check

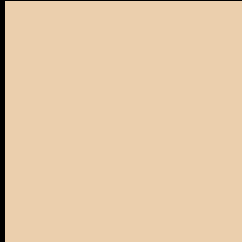
Large Text (above 18pt) WCAG AA × Fail

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 64.1166, 65.3049, 48.7610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

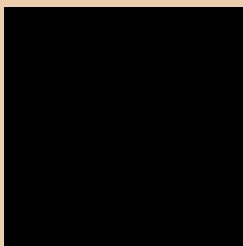
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.1166, 65.3049, 48.7610

Background



This preview shows how black text looks on a background with the XYZ color 64.1166, 65.3049, 48.7610.



This preview shows how white text looks on a background with the XYZ color 64.1166, 65.3049,

48.7610.

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

64.1166, 65.3049, 48.7610

Protanopia

61.4636, 65.3717, 49.9360

Deuteranopia

66.6521, 65.1803, 49.1125



Tritanopia

69.3462, 65.3083, 74.5965

Trichromacy



Original Color

64.1166, 65.3049, 48.7610

Protanomaly

62.3651, 65.4801, 49.3963

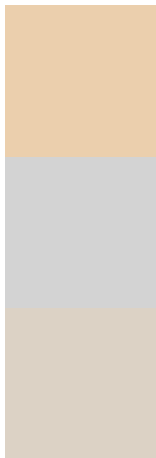
Deuteranomaly

65.5085, 64.9425, 49.1269

Tritanomaly

67.1584, 65.1061, 64.2854

Monochromacy



Original Color

64.1166, 65.3049, 48.7610

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.6398, 65.3400, 62.1337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1166, 65.3049, 48.7610 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(235, 207, 173)` looks like.

```
.text, #text, p{  
  color:rgb(235, 207, 173)  
}
```

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(235, 207, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 207, 173) }
```

Border

The CSS property to change the border of an element to XYZ 64.1166, 65.3049, 48.7610 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(235, 207, 173) }
```


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

```
.border{ border-color:rgb(235, 207, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 207, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 207, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 207, 173);  
box-shadow:4px 4px 4px 4px rgb(235, 207,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1166, 65.3049, 48.7610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 207, 173) }
```

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

```
.background{ background-color: rgb(235,  
207, 173) }
```

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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