

Converting Colors

XYZ(66.0890, 68.5136, 48.1854)

Have a look what the booklet for
XYZ(66.0890, 68.5136, 48.1854)
contains.

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Color

**XYZ(66.0700, 68.5333,
48.2741)**

Conversions

Conversions Part 1

Format	Color
Hex	EDD5AB
RGB	237, 213, 171
RGB Percent	93%, 84%, 67%
CMY	0.0706, 0.1647, 0.3294
CMYK	0.00, 0.10, 0.28, 0.07
HSL	38°, 65%, 80%
HSV	38°, 28%, 93%
XYZ	66.0700, 68.5333, 48.2741
YIQ	215.3880, 27.7860, -7.9740

Conversions

Conversions Part 2

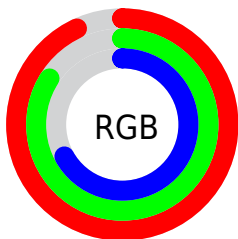
Format	Color
RYB	209, 237, 171
Decimal	15586731
CIELab	86.27, 2.09, 23.83
CIELCh	86, 23.919, 84.986
Yxy	68.5333, 0.3613, 0.3747
Android (android.graphics.Color)	4293776811 (0xFFEDD5AB)
YUV	215.3880, -21.8833, 18.9537
Hunter-Lab	82.7848, -2.4139, 23.3758

Details

The XYZ color **66.0700, 68.5333, 48.2741** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.5954, 53.8011, 87.7863**, and the grayscale version is **64.9864, 68.3707, 74.4557**.

A 20% lighter version of the original color is **90.8651, 98.3261, 86.8628**, and **34.3790, 35.4889, 22.4908** is the 20% darker color. If you saturate the color by 10%, you get **61.9009, 63.4918, 36.7207**, and if you desaturate by 10%, it is **70.7629, 73.9734, 62.0019**.

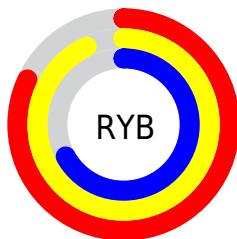
Distribution



Red (93%)

Green (84%)

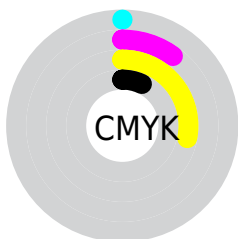
Blue (67%)



Red (82%)

Yellow (93%)

Blue (67%)

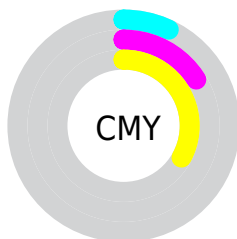


Cyan (0%)

Magenta (10%)

Yellow (28%)

Black (7%)



Cyan (7%)

Magenta (16%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0700, 68.5333, 48.2741 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 66.0700, 68.5333, 48.2741 by changing the saturation by 10% instead.

66.0700, 68.5333,
48.2741

66.0700, 68.5333,
48.2741

436.1119,
455.3832, 396.4176

48.5971, 50.3317,
33.6825

112.6440,
117.1147, 88.9822

34.5132, 35.6770,
22.3744

142.4758,
148.2634, 115.9357

23.4529, 24.1849,
13.9313

177.1580,
184.4965, 147.8469

15.0508, 15.4708,
7.9347

217.0559,
226.1985, 185.1344

8.9416, 9.1505,
3.9660

262.5349,
273.7538, 228.2166

4.7599, 4.8395,
1.6067

313.9603,

2.1404, 2.1534,

327.5468, 277.5122

0.2956

371.6975,
387.9618, 333.4397

■ 0.7110, 0.6944,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.0700, 68.5333,
48.2741

■ 66.0700, 68.5333,
48.2741

■ 61.9009, 63.4918,
36.7207

■ 70.7629, 73.9734,
62.0019

■ 58.2269, 58.8274,
27.2230

■ 75.9960, 79.8142,
78.0061

■ 55.0243, 54.5300,
19.6569

■ 81.7916, 86.0697,
96.3870

■ 52.2648, 50.5855,
13.8836

■ 86.3803, 92.0348,
107.8195

■ 49.9169, 46.9780,
9.7451

■ 88.7352, 96.7446,
108.6045

■ 47.9432, 43.6897,
7.0557

■ 46.2939, 40.6973,
5.5619

■ 45.9655, 40.0852,
5.3146

Harmonies

Analogous

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



71.4141, 68.5333, 52.4111



66.0700, 68.5333, 48.2741



60.7620, 68.5333, 50.3418

Triad

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



66.0700, 68.5333, 48.2741



55.9929, 68.5333, 88.1969



74.2146, 68.5333, 93.4363

Complementary

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



66.0700, 68.5333, 48.2741



51.5954, 53.8011, 87.7863

Split Complementary

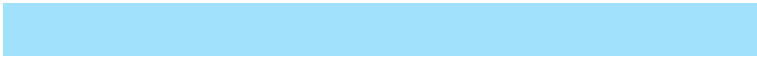
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.7210, 68.5333, 105.6690



66.0700, 68.5333, 48.2741



59.2424, 68.5333, 102.3573

Square

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



66.0700, 68.5333, 48.2741



55.1368, 68.5333, 71.9983



64.2165, 68.5333, 109.1437



76.2827, 68.5333, 77.3069

Rectangle

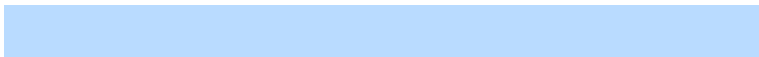
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.0700, 68.5333, 48.2741



57.9269, 68.5333, 55.1379



64.2165, 68.5333, 109.1437



72.9258, 68.5333, 98.2256

Sweetspot

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



66.0718, 68.5364, 48.2755



89.6171, 94.1140, 91.7371



59.3615, 51.0804, 58.4800



18.9734, 19.9149, 18.9883



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.



66.0718, 68.5364, 48.2755



75.3414, 77.7246, 49.4846



69.6937, 80.0357, 50.3042



15.8648, 16.6526, 15.8968



25.2245, 22.1432, 2.9446



2.0716, 1.9206, 0.2615

Inverse Universe

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



51.5954, 53.8011, 87.7863



55.8021, 57.8415, 102.8312



48.6256, 44.9205, 86.2287



14.6795, 15.4455, 19.1298



10.2835, 7.2140, 44.5934



0.8962, 0.7439, 3.5312

Previews

White Background



This preview shows how the XYZ color 66.0700, 68.5333, 48.2741 looks on a white background.

Color Contrast Check

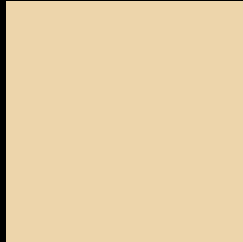
Large Text (above 18pt) WCAG AA × Fail

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 66.0700, 68.5333, 48.2741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

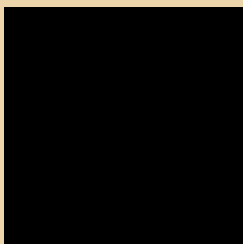
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

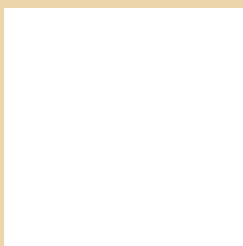
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.0700, 68.5333, 48.2741

Background



This preview shows how black text looks on a background with the XYZ color 66.0700, 68.5333, 48.2741.



This preview shows how white text looks on a background with the XYZ color 66.0700, 68.5333,

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

66.0700, 68.5333, 48.2741

Protanopia

64.3154, 68.7483, 48.9097

Deuteranopia

69.9041, 68.2997, 48.5285



Tritanopia

72.2183, 68.4712, 78.5172

Trichromacy



Original Color

66.0700, 68.5333, 48.2741

Protanomaly

65.0255, 68.7352, 48.8697

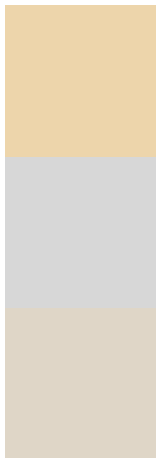
Deuteranomaly

68.6046, 68.3536, 48.6074

Tritanomaly

69.8556, 68.6135, 66.0619

Monochromacy



Original Color

66.0700, 68.5333, 48.2741

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.7868, 67.9046, 63.7251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0700, 68.5333, 48.2741 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(237, 213, 171)` looks like.

```
.text, #text, p{  
    color:rgb(237, 213, 171)  
}
```

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(237, 213, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 213, 171) }
```

Border

The CSS property to change the border of an element to XYZ 66.0700, 68.5333, 48.2741 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(237, 213, 171) }
```


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

```
.border{ border-color:rgb(237, 213, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 213, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 213, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 213, 171); box-shadow:4px 4px 4px 4px rgb(237, 213, 171) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0700, 68.5333, 48.2741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 213, 171) }
```

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

```
.background{ background-color: rgb(237,  
213, 171) }
```

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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