

Converting Colors

XYZ(67.5200, 68.4864, 51.0314)

Have a look what the booklet for
XYZ(67.5200, 68.4864, 51.0314)
contains.

XYZ(67.5057, 68.4636, 51.2518)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(67.5057, 68.4636,
51.2518)**

Conversions

Conversions Part 1	
Format	Color
Hex	F1D3B1
RGB	241, 211, 177
RGB Percent	95%, 83%, 69%
CMY	0.0549, 0.1725, 0.3059
CMYK	0.00, 0.12, 0.27, 0.05
HSL	32°, 70%, 82%
HSV	32°, 27%, 95%
XYZ	67.5057, 68.4636, 51.2518
YIQ	216.0940, 28.7940, -4.2140

Conversions

Conversions Part 2

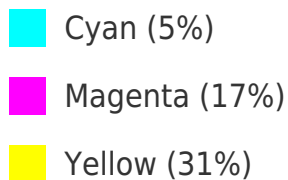
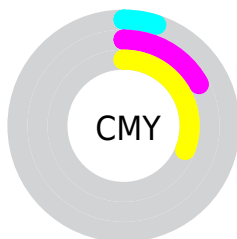
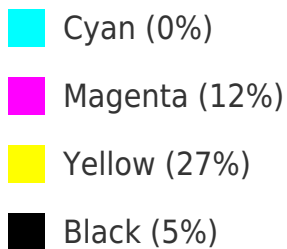
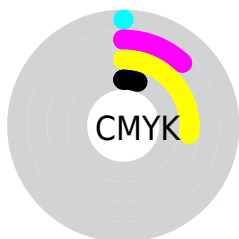
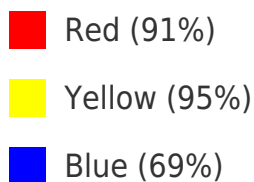
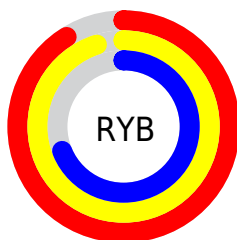
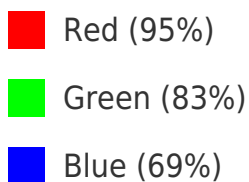
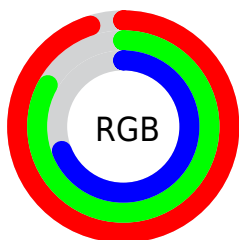
Format	Color
RYB	233, 241, 177
Decimal	15848369
CIELab	86.24, 5.43, 20.69
CIELCh	86, 21.394, 75.310
Yxy	68.4636, 0.3606, 0.3657
Android (android.graphics.Color)	4294038449 (0xFFFF1D3B1)
YUV	216.0940, -19.2733, 21.8426
Hunter-Lab	82.7427, 0.8295, 21.1950

Details

The XYZ color **67.5057, 68.4636, 51.2518** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.3210, 60.3220, 91.8943**, and the grayscale version is **65.4492, 68.8577, 74.9860**.

A 20% lighter version of the original color is **91.7080, 98.6632, 91.3012**, and **35.4622, 35.7595, 24.1020** is the 20% darker color. If you saturate the color by 10%, you get **62.6048, 62.1723, 38.7952**, and if you desaturate by 10%, it is **73.0316, 75.3253, 66.0111**.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 67.5057, 68.4636, 51.2518 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 67.5057, 68.4636, 51.2518 by changing the saturation by 10% instead.


 67.5057, 68.4636,
51.2518

 67.5057, 68.4636,
51.2518


441.1469,
455.1368, 408.4157

 49.7679, 50.2750,
36.0309


 114.6905,
117.0151, 93.4422

 35.4461, 35.6319,
24.1682


144.8683,
148.1468, 121.2488

 24.1748, 24.1501,
15.2451


179.9234,
184.3616, 154.0876

 15.5888, 15.4450,
8.8430

220.2212,
226.0440, 192.3774

 9.3226, 9.1323,
4.5435

266.1272,
273.5783, 236.5365

 5.0110, 4.8276,
1.9280


318.0065,


 2.2885, 2.1464,


327.3490, 286.9836


0.5105


376.2246,
387.7403, 344.1372


 0.7888, 0.6906,
0.0000

 0.0000, 0.0000,
0.0000


 67.5057, 68.4636,
51.2518


 67.5057, 68.4636,
51.2518


 62.6048, 62.1723,
38.7952


 73.0316, 75.3253,
66.0111


 58.2972, 56.4249,
28.5183

 79.2019, 82.7640,
83.1792

 54.5563, 51.2067,
20.2928

 86.0412, 90.7982,
102.8605

 51.3506, 46.4981,
13.9750

 90.0858, 97.4408,
108.6677

■ 48.6453, 42.2781,
9.4026

■ 46.3999, 38.5231,
6.3854

■ 44.5645, 35.2055,
4.6849

■ 44.0015, 34.1523,
4.2729

Harmonies

Analogous

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



71.9679, 68.4636, 56.8662



67.5057, 68.4636, 51.2518



62.6022, 68.4636, 51.3110

Triad

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



67.5057, 68.4636, 51.2518



56.3529, 68.4636, 81.9440



72.0455, 68.4636, 95.3095

Complementary

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



67.5057, 68.4636, 51.2518



56.3210, 60.3220, 91.8943

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.



67.6072, 68.4636, 103.9086



67.5057, 68.4636, 51.2518



58.6324, 68.4636, 95.5541

Square

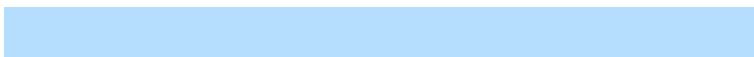
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.5057, 68.4636, 51.2518



56.3288, 68.4636, 67.8718



62.6987, 68.4636, 104.0035



74.6774, 68.4636, 81.6424

Rectangle

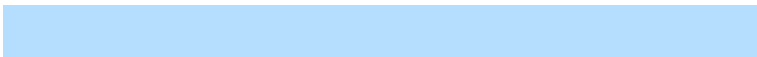
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.5057, 68.4636, 51.2518



59.7470, 68.4636, 54.5172



62.6987, 68.4636, 104.0035



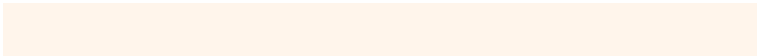
70.7056, 68.4636, 98.9607

Sweetspot

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



67.5075, 68.4667, 51.2532



88.9631, 92.8059, 91.5191



63.3753, 54.6966, 66.8495



18.8085, 19.5851, 18.9333



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.



67.5075, 68.4667, 51.2532



73.5717, 73.7928, 50.1042



75.3041, 84.5989, 53.9561



16.4682, 17.1494, 16.5919



23.9973, 18.7927, 2.3626



2.0959, 1.7625, 0.2297

Inverse Universe

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



56.3210, 60.3220, 91.8943



58.8267, 63.0589, 103.6788



49.9755, 47.2689, 89.7092



15.5081, 16.4502, 20.0795



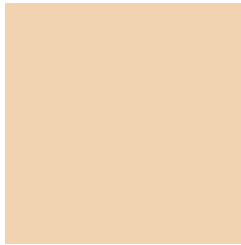
11.9415, 10.1072, 46.4494



1.0922, 1.0383, 3.8971

Previews

White Background



This preview shows how the XYZ color 67.5057, 68.4636, 51.2518 looks on a white background.

Color Contrast Check

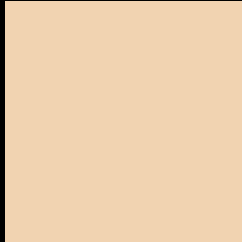
Large Text (above 18pt) WCAG AA × Fail

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 67.5057, 68.4636, 51.2518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

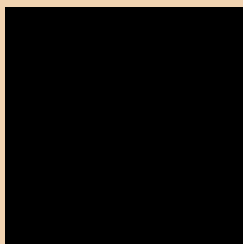
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.5057, 68.4636, 51.2518

Background



This preview shows how black text looks on a background with the XYZ color 67.5057, 68.4636, 51.2518.



This preview shows how white text looks on a background with the XYZ color 67.5057, 68.4636,

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

67.5057, 68.4636, 51.2518

Protanopia

64.4320, 68.3495, 52.4447

Deuteranopia

70.0161, 68.6501, 51.6800



Tritanopia

72.8885, 68.4759, 77.7822

Trichromacy



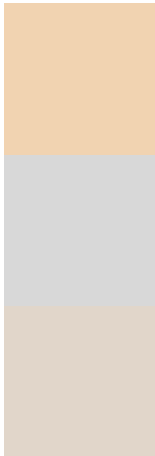
Original Color
67.5057, 68.4636, 51.2518

Protanomaly
65.6867, 68.6311, 51.9045

Deuteranomaly
69.1941, 68.5894, 51.7116

Tritanomaly
70.6405, 68.2665, 67.2112

Monochromacy



Original Color
67.5057, 68.4636, 51.2518

Achromatopsia
65.2694, 68.6685, 74.7800

Achromatomaly
65.7586, 68.3650, 65.6070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5057, 68.4636, 51.2518 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(241, 211, 177)` looks like.

```
.text, #text, p{  
    color:rgb(241, 211, 177)  
}
```

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(241, 211, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 211, 177) }
```

Border

The CSS property to change the border of an element to XYZ 67.5057, 68.4636, 51.2518 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(241, 211, 177) }
```


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

```
.border{ border-color:rgb(241, 211, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 211, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 211, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 211, 177);  
box-shadow:4px 4px 4px 4px rgb(241, 211,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5057, 68.4636, 51.2518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 211, 177) }
```

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

```
.background{ background-color: rgb(241,  
211, 177) }
```

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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