

Converting Colors

XYZ(67.3240, 66.2097, 50.3057)

Have a look what the booklet for
XYZ(67.3240, 66.2097, 50.3057)
contains.

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Color

**XYZ(67.3240, 66.2097,
50.3057)**

Conversions

Conversions Part 1

Format	Color
Hex	F5CDB0
RGB	245, 205, 176
RGB Percent	96%, 80%, 69%
CMY	0.0392, 0.1961, 0.3098
CMYK	0.00, 0.16, 0.28, 0.04
HSL	25°, 78%, 83%
HSV	25°, 28%, 96%
XYZ	67.3240, 66.2097, 50.3057
YIQ	213.6540, 33.1490, -0.5390

Conversions

Conversions Part 2

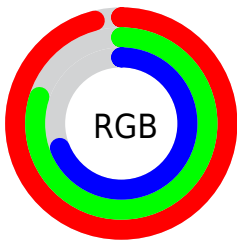
Format	Color
R _Y B	245, 226, 176
Decimal	16108976
CIE Lab	85.10, 9.91, 19.70
CIE LCh	85, 22.056, 63.287
Yxy	66.2097, 0.3662, 0.3601
Android (android.graphics.Color)	4294299056 (0xFFF5CDB0)
YUV	213.6540, -18.5634, 27.4904
Hunter-Lab	81.3693, 5.2924, 20.3032

Details

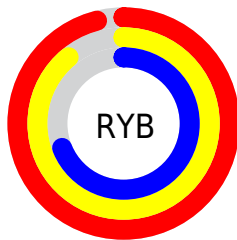
The XYZ color **67.3240, 66.2097, 50.3057** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.9412, 64.9326, 95.8132**, and the grayscale version is **63.7906, 67.1127, 73.0857**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **35.3808, 34.2546, 23.4859** is the 20% darker color. If you saturate the color by 10%, you get **61.8714, 58.8398, 37.5885**, and if you desaturate by 10%, it is **73.5260, 74.3774, 65.4326**.

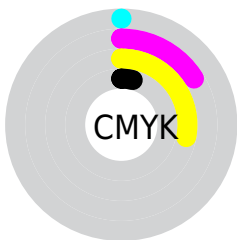
Distribution



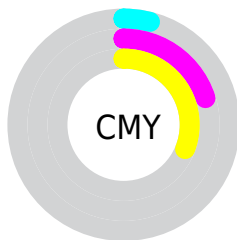
- Red (96%)
- Green (80%)
- Blue (69%)



- Red (96%)
- Yellow (89%)
- Blue (69%)



- Cyan (0%)
- Magenta (16%)
- Yellow (28%)
- Black (4%)





- Cyan (4%)
- Magenta (20%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.3240, 66.2097, 50.3057 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 67.3240, 66.2097, 50.3057 by changing the saturation by 10% instead.


 67.3240, 66.2097,
50.3057

 67.3240, 66.2097,
50.3057


440.5115,
447.1265, 404.6295

 49.6196, 48.4427,
35.2835


 114.4318,
113.7873, 92.0286

 35.3278, 34.1776,
23.5960

144.5659,
144.3666, 119.5664

 24.0832, 23.0300,
14.8248


179.5740,
179.9854, 152.1131

 15.5204, 14.6157,
8.5513

219.8215,
221.0282, 190.0873

 9.2741, 8.5501,
4.3569

265.6736,
267.8793, 233.9074

 4.9790, 4.4489,
1.8231

317.4957,

 2.2695, 1.9277,

320.9231, 283.9922

0.4431

375.6533,
380.5440, 340.7600

■ 0.7790, 0.5650,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.3240, 66.2097,
50.3057

■ 67.3240, 66.2097,
50.3057

■ 61.8714, 58.8398,
37.5885

■ 73.5260, 74.3774,
65.4326

■ 57.1312, 52.2329,
27.1500

■ 80.5018, 83.3582,
83.0823

■ 53.0709, 46.3646,
18.8533

■ 88.2811, 93.1784,
103.3658

■ 49.6530, 41.2057,
12.5445

■ 91.4663, 98.1525,
108.7323

■ 46.8357, 36.7245,
8.0490

■ 44.5704, 32.8859,
5.1610

■ 42.7937, 29.6478,
3.5964

■ 42.5054, 29.1108,
3.3787

Harmonies

Analogous

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



71.2604, 66.2097, 58.0913



67.3240, 66.2097, 50.3057



62.3841, 66.2097, 48.0771

Triad

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



67.3240, 66.2097, 50.3057



53.8649, 66.2097, 73.6715



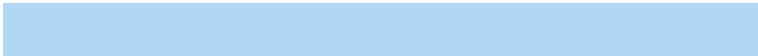
68.3214, 66.2097, 97.4711

Complementary

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



67.3240, 66.2097, 50.3057



58.9412, 64.9326, 95.8132

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.



63.4798, 66.2097, 103.0072



67.3240, 66.2097, 50.3057



55.2762, 66.2097, 88.1768

Square

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



67.3240, 66.2097, 50.3057



54.7752, 66.2097, 60.4764



58.7321, 66.2097, 99.4021



71.8572, 66.2097, 85.1052

Rectangle

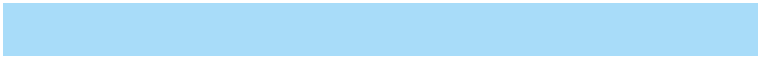
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.3240, 66.2097, 50.3057



59.2280, 66.2097, 49.7636



58.7321, 66.2097, 99.4021



66.7838, 66.2097, 100.2612

Sweetspot

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



67.3257, 66.2127, 50.3071



88.2808, 91.4413, 91.2916



65.6091, 55.4347, 72.3780



18.6369, 19.2419, 18.8761



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.



67.3257, 66.2127, 50.3071



70.1063, 67.6392, 46.5532



76.4328, 84.4270, 53.3428



17.0716, 17.6273, 17.3002



23.0284, 15.9423, 1.8634



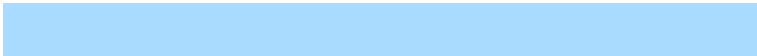
2.1232, 1.5997, 0.1969

Inverse Universe

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



58.9412, 64.9326, 95.8132



59.4779, 66.0088, 104.2139



51.0635, 49.1771, 93.1873



16.3790, 17.5224, 21.0615



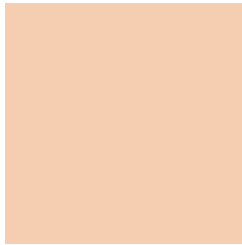
14.2309, 14.2555, 48.5396



1.3523, 1.4560, 4.3000

Previews

White Background



This preview shows how the XYZ color 67.3240, 66.2097, 50.3057 looks on a white background.

Color Contrast Check

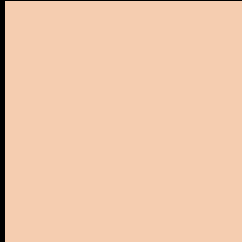
Large Text (above 18pt) WCAG AA × Fail

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 67.3240, 66.2097, 50.3057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

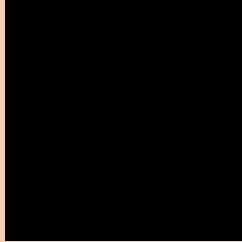
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.3240, 66.2097, 50.3057

Background



This preview shows how black text looks on a background with the XYZ color 67.3240, 66.2097, 50.3057.



This preview shows how white text looks on a background with the XYZ color 67.3240, 66.2097,

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

67.3240, 66.2097, 50.3057

Protanopia

62.5222, 66.2295, 52.6683

Deuteranopia

67.6738, 66.3901, 50.3221



Tritanopia

71.7561, 65.8929, 73.2266

Trichromacy



Original Color

67.3240, 66.2097, 50.3057

Protanomaly

64.2159, 66.0114, 52.0048

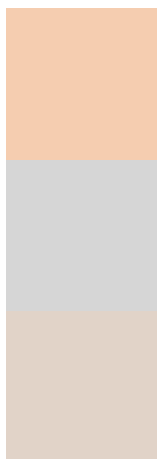
Deuteranomaly

67.6738, 66.3901, 50.3221

Tritanomaly

70.1407, 65.9468, 64.2905

Monochromacy



Original Color

67.3240, 66.2097, 50.3057

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.7709, 66.7662, 64.1170

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3240, 66.2097, 50.3057 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, 205, 176)` looks like.

```
.text, #text, p{  
    color:rgb(245, 205, 176)  
}
```

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, 205, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 205, 176) }
```

Border

The CSS property to change the border of an element to XYZ 67.3240, 66.2097, 50.3057 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, 205, 176) }
```


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

```
.border{ border-color:rgb(245, 205, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 205, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 205, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 205, 176);  
box-shadow:4px 4px 4px 4px rgb(245, 205,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3240, 66.2097, 50.3057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 205, 176) }
```

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

```
.background{ background-color: rgb(245,  
205, 176) }
```

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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