

Converting Colors

XYZ(68.0886, 67.0726, 52.2614)

Have a look what the booklet for
XYZ(68.0886, 67.0726, 52.2614)
contains.

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Color

**XYZ(67.8642, 66.8098,
51.9666)**

Conversions

Conversions Part 1

Format	Color
Hex	F5CEB3
RGB	245, 206, 179
RGB Percent	96%, 81%, 70%
CMY	0.0392, 0.1921, 0.2980
CMYK	0.00, 0.16, 0.27, 0.04
HSL	25°, 77%, 83%
HSV	25°, 27%, 96%
XYZ	67.8642, 66.8098, 51.9666
YIQ	214.5830, 31.9110, -0.1290

Conversions

Conversions Part 2

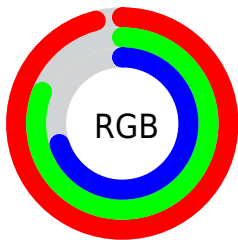
Format	Color
R_{YB}	245, 225, 179
Decimal	16109235
CIE _{Lab}	85.41, 9.79, 18.54
CIE _{LCh}	85, 20.970, 62.166
Yxy	66.8098, 0.3636, 0.3580
Android (android.graphics.Color)	4294299315 (0xFFFF5CEB3)
YUV	214.5830, -17.5424, 26.6757
Hunter-Lab	81.7373, 5.1634, 19.5209

Details

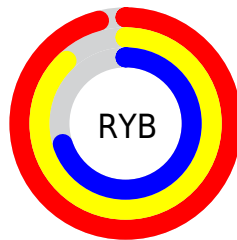
The XYZ color **67.8642, 66.8098, 51.9666** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.1426, 66.3172, 96.0171**, and the grayscale version is **64.4106, 67.7649, 73.7960**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **35.7332, 34.6542, 24.5443** is the 20% darker color. If you saturate the color by 10%, you get **62.2777, 59.2559, 38.9465**, and if you desaturate by 10%, it is **74.2155, 75.1879, 67.4150**.

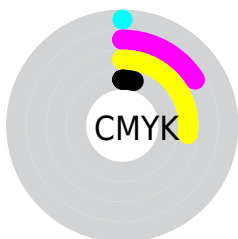
Distribution



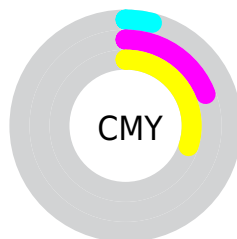
- Red (96%)
- Green (81%)
- Blue (70%)



- Red (96%)
- Yellow (88%)
- Blue (70%)



- Cyan (0%)
- Magenta (16%)
- Yellow (27%)
- Black (4%)





- Cyan (4%)
- Magenta (19%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.8642, 66.8098, 51.9666 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 67.8642, 66.8098, 51.9666 by changing the saturation by 10% instead.


 67.8642, 66.8098,
51.9666

 67.8642, 66.8098,
51.9666

442.3990,
449.2675, 411.2609

 50.0605, 48.9301,
36.5964


 115.2008,
114.6478, 94.5081

 35.6795, 34.5640,
24.6018

145.4645,
145.3749, 122.5164

 24.3557, 23.3272,
15.5643

180.6122,
181.1533, 155.5745

 15.7239, 14.8353,
9.0654

221.0093,
222.3672, 194.1010

 9.4186, 8.7039,
4.6865

267.0212,
269.4013, 238.5143

 5.0745, 4.5485,
2.0090

319.0132,

 2.3262, 1.9849,

322.6397, 289.2331

0.5608

377.3507,
382.4670, 346.6757

■ 0.8080, 0.5987,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.8642, 66.8098,
51.9666

■ 67.8642, 66.8098,
51.9666

■ 62.2777, 59.2559,
38.9465

■ 74.2155, 75.1879,
67.4150

■ 57.4188, 52.4904,
28.2250

■ 81.3562, 84.4061,
85.4042

■ 53.2547, 46.4882,
19.6665

■ 89.3162, 94.4917,
106.0442

■ 49.7479, 41.2192,
13.1190

■ 91.4663, 98.1525,
108.7323

■ 46.8564, 36.6508,
8.4107

■ 44.5322, 32.7471,
5.3403

■ 42.7163, 29.4667,
3.6517

■ 42.2371, 28.5742,
3.2892

Harmonies

Analogous

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



71.5556, 66.8098, 59.6808



67.8642, 66.8098, 51.9666



63.1559, 66.8098, 49.5985

Triad

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



67.8642, 66.8098, 51.9666



54.7988, 66.8098, 73.7384



68.4916, 66.8098, 97.2268

Complementary

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



67.8642, 66.8098, 51.9666



60.1426, 66.3172, 96.0171

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.



63.8468, 66.8098, 102.1600



67.8642, 66.8098, 51.9666



56.0742, 66.8098, 87.5878

Square

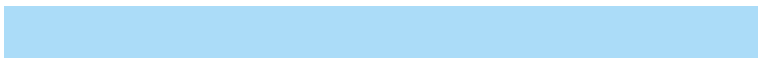
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.8642, 66.8098, 51.9666



55.7568, 66.8098, 61.1952



59.3284, 66.8098, 98.4322



71.9303, 66.8098, 85.6626

Rectangle

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



67.8642, 66.8098, 51.9666



60.1145, 66.8098, 51.0975



59.3284, 66.8098, 98.4322



67.0117, 66.8098, 99.7763

Sweetspot

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



67.8660, 66.8129, 51.9680



88.2124, 91.3045, 91.2689



66.5104, 56.7469, 74.1904



18.6197, 19.2075, 18.8704



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.



67.8660, 66.8129, 51.9680



71.0831, 68.8156, 49.2747



76.4844, 84.0498, 54.8408



17.0559, 17.5960, 17.2950



22.8821, 15.6498, 1.8147



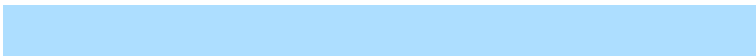
2.1095, 1.5723, 0.1923

Inverse Universe

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



60.1426, 66.3172, 96.0171



61.3905, 68.1866, 104.5334



52.5474, 51.1267, 93.4854



16.3951, 17.5544, 21.0668



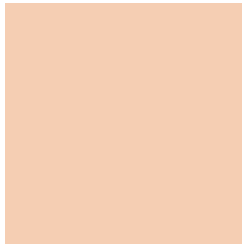
14.4530, 14.6999, 48.6136



1.3712, 1.4939, 4.3063

Previews

White Background



This preview shows how the XYZ color 67.8642, 66.8098, 51.9666 looks on a white background.

Color Contrast Check

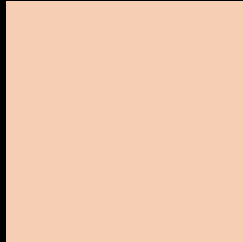
Large Text (above 18pt) WCAG AA × Fail

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 67.8642, 66.8098, 51.9666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

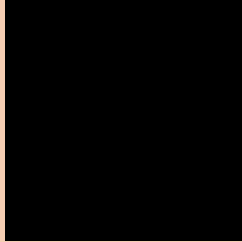
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.8642, 66.8098, 51.9666

Background



This preview shows how black text looks on a background with the XYZ color 67.8642, 66.8098, 51.9666.



This preview shows how white text looks on a background with the XYZ color 67.8642, 66.8098,

51.9666.

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

67.8642, 66.8098, 51.9666

Protanopia

63.2891, 66.9735, 53.8474

Deuteranopia

67.9740, 66.5101, 51.9029



Tritanopia

72.3482, 66.8709, 74.0600

Trichromacy



Original Color

67.8642, 66.8098, 51.9666

Protanomaly

64.6658, 66.5852, 53.1600

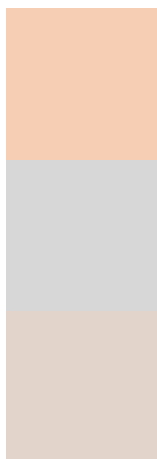
Deuteranomaly

67.9740, 66.5101, 51.9029

Tritanomaly

70.8468, 66.9801, 65.6943

Monochromacy



Original Color

67.8642, 66.8098, 51.9666

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.5682, 67.5200, 65.4540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.8642, 66.8098, 51.9666 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, 206, 179)` looks like.

```
.text, #text, p{  
    color:rgb(245, 206, 179)  
}
```

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, 206, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 206, 179) }
```

Border

The CSS property to change the border of an element to XYZ 67.8642, 66.8098, 51.9666 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, 206, 179) }
```


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

```
.border{ border-color:rgb(245, 206, 179) }
```

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

Here you see how a box with a 4 pixel rgb(245, 206, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 206, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 206, 179);  
box-shadow:4px 4px 4px 4px rgb(245, 206,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 67.8642, 66.8098, 51.9666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 206, 179) }
```

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

```
.background{ background-color: rgb(245,  
206, 179) }
```

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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