

Converting Colors

XYZ(67.8877, 66.1797, 51.4916)

Have a look what the booklet for
XYZ(67.8877, 66.1797, 51.4916)
contains.

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Color

**XYZ(67.9865, 66.1742,
51.3091)**

Conversions

Conversions Part 1

Format	Color
Hex	F7CCB2
RGB	247, 204, 178
RGB Percent	97%, 80%, 70%
CMY	0.0314, 0.2000, 0.3020
CMYK	0.00, 0.17, 0.28, 0.03
HSL	23°, 81%, 83%
HSV	23°, 28%, 97%
XYZ	67.9865, 66.1742, 51.3091
YIQ	213.8930, 33.9740, 1.0300

Conversions

Conversions Part 2

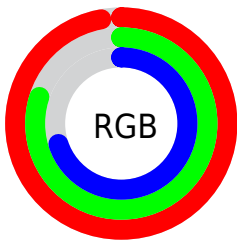
Format	Color
R _Y B	247, 220, 178
Decimal	16239794
CIE Lab	85.09, 11.45, 18.65
CIE LCh	85, 21.884, 58.452
Yxy	66.1742, 0.3666, 0.3568
Android (android.graphics.Color)	4294429874 (0xFFF7CCB2)
YUV	213.8930, -17.6952, 29.0348
Hunter-Lab	81.3475, 6.8239, 19.5467

Details

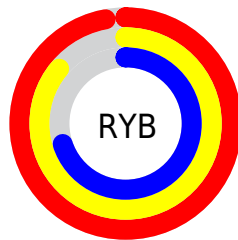
The XYZ color **67.9865, 66.1742, 51.3091** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.0044, 67.8913, 97.8850**, and the grayscale version is **63.9452, 67.2754, 73.2629**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **35.8432, 34.2405, 24.1220** is the 20% darker color. If you saturate the color by 10%, you get **62.2475, 58.3139, 38.2427**, and if you desaturate by 10%, it is **74.5371, 74.9423, 66.8505**.

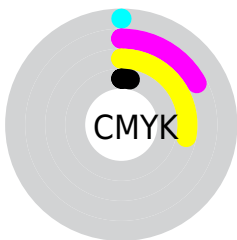
Distribution



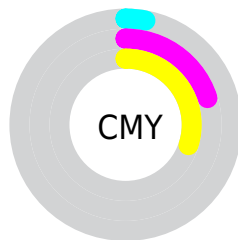
- Red (97%)
- Green (80%)
- Blue (70%)



- Red (97%)
- Yellow (86%)
- Blue (70%)



- Cyan (0%)
- Magenta (17%)
- Yellow (28%)
- Black (3%)





- Cyan (3%)
- Magenta (20%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.9865, 66.1742, 51.3091 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 67.9865, 66.1742, 51.3091 by changing the saturation by 10% instead.


 67.9865, 66.1742,
51.3091

 67.9865, 66.1742,
51.3091

442.8257,
446.9996, 408.6443

 50.1604, 48.4138,
36.0762


 115.3748,
113.7363, 93.5277

 35.7592, 34.1547,
24.2029

145.6678,
144.3069, 121.3505

 24.4175, 23.0125,
15.2706


180.8471,
179.9162, 154.2070

 15.7700, 14.6027,
8.8608

221.2780,
220.9489, 192.5158

 9.4514, 8.5410,
4.5549

267.3260,
267.7891, 236.6954

 5.0962, 4.4431,
1.9345

319.3563,

 2.3392, 1.9244,

320.8214, 287.1643

0.5145

377.7345,
380.4301, 344.3411

■ 0.8146, 0.5630,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.9865, 66.1742,
51.3091

■ 67.9865, 66.1742,
51.3091

■ 62.2475, 58.3139,
38.2427

■ 74.5371, 74.9423,
66.8505

■ 57.2805, 51.3218,
27.5174

■ 81.9262, 84.6379,
84.9828

■ 53.0500, 45.1685,
18.9928

■ 90.1860, 95.2915,
105.8198

■ 49.5154, 39.8195,
12.5118

■ 92.1679, 98.5142,
108.7651

■ 46.6315, 35.2372,
7.8958

■ 44.3464, 31.3804,
4.9348

■ 42.5933, 28.2003,
3.3448

■ 42.2802, 27.6188,
3.1025

Harmonies

Analogous

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



71.6023, 66.1742, 59.8796



67.9865, 66.1742, 51.3091



63.1529, 66.1742, 48.1839

Triad

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



67.9865, 66.1742, 51.3091



53.8907, 66.1742, 71.3219



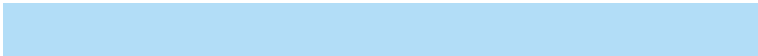
67.5206, 66.1742, 98.6471

Complementary

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



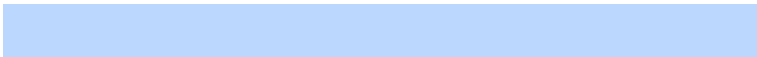
67.9865, 66.1742, 51.3091



61.0044, 67.8913, 97.8850

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.



62.6410, 66.1742, 102.7321



67.9865, 66.1742, 51.3091



54.9268, 66.1742, 85.7724

Square

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



67.9865, 66.1742, 51.3091



55.1610, 66.1742, 58.7643



58.0673, 66.1742, 97.7459



71.3236, 66.1742, 87.2065

Rectangle

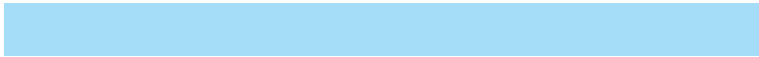
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.9865, 66.1742, 51.3091



59.9444, 66.1742, 49.2512



58.0673, 66.1742, 97.7459



65.9442, 66.1742, 100.9869

Sweetspot

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



67.9882, 66.1773, 51.3105



88.0157, 90.9112, 91.2033



67.4233, 56.8735, 76.3213



18.5703, 19.1088, 18.8539



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

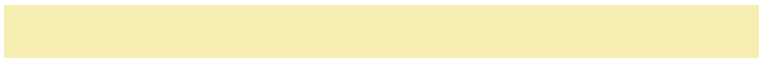
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.9882, 66.1773, 51.3105



69.2169, 65.8603, 46.2567



76.9104, 84.0216, 54.2845



17.0109, 17.5059, 17.2800



22.4861, 14.8579, 1.6827



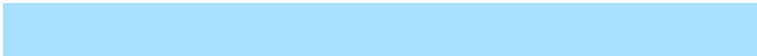
2.0719, 1.4970, 0.1797

Inverse Universe

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



61.0044, 67.8913, 97.8850



60.4699, 67.9928, 104.5446



52.9621, 51.8068, 95.2042



16.4414, 17.6471, 21.0822



15.1235, 16.0408, 48.8371



1.4279, 1.6072, 4.3252

Previews

White Background



This preview shows how the XYZ color 67.9865, 66.1742, 51.3091 looks on a white background.

Color Contrast Check

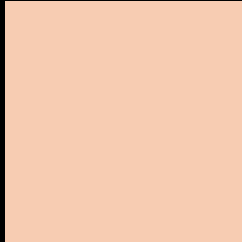
Large Text (above 18pt) WCAG AA × Fail

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 67.9865, 66.1742, 51.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

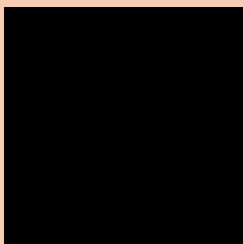
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.9865, 66.1742, 51.3091

Background



This preview shows how black text looks on a background with the XYZ color 67.9865, 66.1742, 51.3091.



This preview shows how white text looks on a background with the XYZ color 67.9865, 66.1742,

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

67.9865, 66.1742, 51.3091

Protanopia

62.7275, 66.3117, 53.7493

Deuteranopia

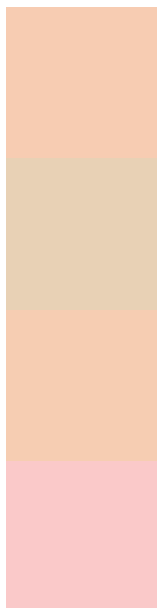
67.8732, 66.4698, 51.3721



Tritanopia

72.3447, 66.2111, 72.5854

Trichromacy



Original Color

67.9865, 66.1742, 51.3091

Protanomaly

64.4197, 66.0929, 53.0780

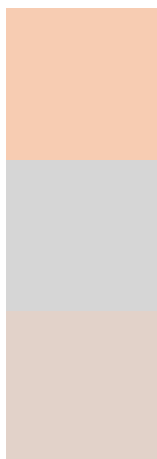
Deuteranomaly

67.8732, 66.4698, 51.3721

Tritanomaly

70.8536, 66.3143, 64.3239

Monochromacy



Original Color

67.9865, 66.1742, 51.3091

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.9532, 66.4790, 64.6667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.9865, 66.1742, 51.3091 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(247, 204, 178)` looks like.

```
.text, #text, p{  
    color:rgb(247, 204, 178)  
}
```

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(247, 204, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 204, 178) }
```

Border

The CSS property to change the border of an element to XYZ 67.9865, 66.1742, 51.3091 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(247, 204, 178) }
```


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

```
.border{ border-color:rgb(247, 204, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 204, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 204, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 204, 178); box-shadow:4px 4px 4px 4px rgb(247, 204, 178) }
```

Background

The CSS property to change the background color of an element to XYZ 67.9865, 66.1742, 51.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 204, 178) }
```

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

```
.background{ background-color: rgb(247,  
204, 178) }
```

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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