

Converting Colors

XYZ(95.2818, 80.9589, 36.4989)

Have a look what the booklet for
XYZ(95.2818, 80.9589, 36.4989)
contains.

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Color

**XYZ(68.0292, 66.9058,
35.3152)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCD8F
RGB	255, 205, 143
RGB Percent	100%, 80%, 56%
CMY	0.0000, 0.1961, 0.4392
CMYK	0.00, 0.20, 0.44, 0.00
HSL	33°, 100%, 78%
HSV	33°, 44%, 100%
XYZ	68.0292, 66.9058, 35.3152
YIQ	212.8820, 49.7020, -8.6820

Conversions

Conversions Part 2

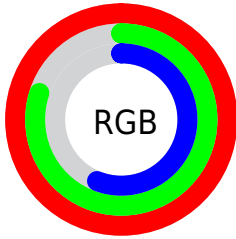
Format	Color
R _Y B	233, 255, 143
Decimal	16764303
CIE Lab	85.46, 9.94, 37.51
CIE LCh	85, 38.806, 75.153
Yxy	66.9058, 0.3996, 0.3930
Android (android.graphics.Color)	4294954383 (0xFFFFCD8F)
YUV	212.8820, -34.4518, 36.9375
Hunter-Lab	81.7960, 5.3144, 31.6589

Details

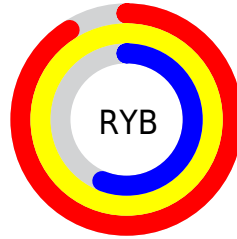
The XYZ color **68.0292, 66.9058, 35.3152** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.4469, 51.1976, 101.9361**, and the grayscale version is **63.3682, 66.6683, 72.6017**.

A 20% lighter version of the original color is **87.0780, 96.8112, 66.9203**, and **35.7633, 34.6417, 14.9268** is the 20% darker color. If you saturate the color by 10%, you get **63.6886, 60.9726, 25.3970**, and if you desaturate by 10%, it is **73.0103, 73.4172, 47.6144**.

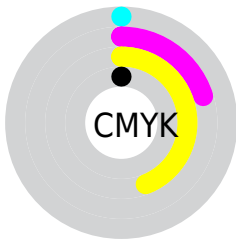
Distribution



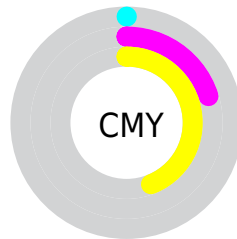
- Red (100%)
- Green (80%)
- Blue (56%)



- Red (91%)
- Yellow (100%)
- Blue (56%)



- Cyan (0%)
- Magenta (20%)
- Yellow (44%)
- Black (0%)





- Cyan (0%)
- Magenta (20%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.0292, 66.9058, 35.3152 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 68.0292, 66.9058, 35.3152 by changing the saturation by 10% instead.


 68.0292, 66.9058,
35.3152

 68.0292, 66.9058,
35.3152


442.9746,
449.6094, 340.9039

 50.1953, 49.0081,
23.6203


 115.4356,
114.7854, 69.1309

 35.7870, 34.6259,
14.8426


 145.7388,
145.5361, 92.0887

 24.4391, 23.3748,
8.5636


180.9290,
181.3399, 119.6379

 15.7861, 14.8705,
4.3647

221.3718,
222.5812, 152.1971

 9.4628, 8.7286,
1.8275

267.4323,
269.6444, 190.1847

 5.1038, 4.5646,
0.4460

319.4761,

 2.3437, 1.9941,

322.9139, 234.0194

0.0000

377.8684,
382.7741, 284.1196

■ 0.8169, 0.6041,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.0292, 66.9058,
35.3152

■ 68.0292, 66.9058,
35.3152

■ 63.6886, 60.9726,
25.3970

■ 73.0103, 73.4172,
47.6144

■ 59.9492, 55.5876,
17.6955

■ 78.6583, 80.5164,
62.4356

■ 56.7744, 50.7318,
12.0321

■ 85.0040, 88.2243,
79.9136

■ 54.1204, 46.3805,
8.1979

■ 92.0743, 96.5580,
100.1725

■ 51.9343, 42.5051, 95.0499, 99.9999,
5.9380 108.9000

■ 50.7904, 40.3610,
5.1135

Harmonies

Analogous

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



76.2934, 66.9058, 43.5975



68.0292, 66.9058, 35.3152



59.2685, 66.9058, 35.3566

Triad

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



68.0292, 66.9058, 35.3152



48.6110, 66.9058, 86.2719



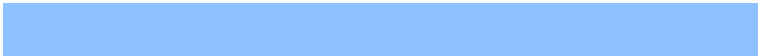
76.3657, 66.9058, 112.6688

Complementary

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



68.0292, 66.9058, 35.3152



48.4469, 51.1976, 101.9361

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.



68.1207, 66.9058, 130.3835



68.0292, 66.9058, 35.3152



52.3848, 66.9058, 112.9141

Square

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



68.0292, 66.9058, 35.3152



48.5915, 66.9058, 61.1186



59.3520, 66.9058, 130.4825



81.3997, 66.9058, 85.9919

Rectangle

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



68.0292, 66.9058, 35.3152



54.3343, 66.9058, 39.9634



59.3520, 66.9058, 130.4825



73.8457, 66.9058, 120.1154

Sweetspot

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



68.0309, 66.9090, 35.3165



85.6245, 88.9654, 81.6610



60.7331, 44.7737, 56.1281



18.0111, 18.6640, 16.5907



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.



68.0309, 66.9090, 35.3165



64.0628, 61.4959, 26.2150



79.9275, 93.7163, 39.8639



18.8433, 19.6547, 18.9449



26.6905, 21.3923, 2.7224



2.7078, 2.3010, 0.3014

Inverse Universe

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



48.4469, 51.1976, 101.9361



42.1321, 43.9167, 100.8639



40.1946, 33.2177, 98.9006



17.6705, 18.7126, 22.9305



12.7092, 10.3279, 50.7582



1.3445, 1.2196, 4.9778

Previews

White Background



This preview shows how the XYZ color 68.0292, 66.9058, 35.3152 looks on a white background.

Color Contrast Check

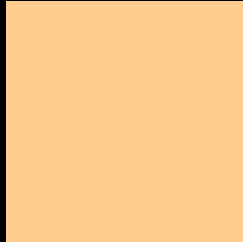
Large Text (above 18pt) WCAG AA × Fail

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 68.0292, 66.9058, 35.3152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

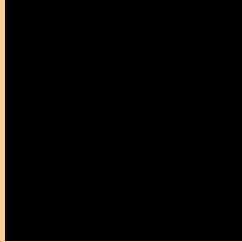
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.0292, 66.9058, 35.3152

Background



This preview shows how black text looks on a background with the XYZ color 68.0292, 66.9058, 35.3152.



This preview shows how white text looks on a background with the XYZ color 68.0292, 66.9058,

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

68.0292, 66.9058, 35.3152

Protanopia

62.2680, 67.1886, 37.2906

Deuteranopia

68.2596, 66.9980, 36.5284



Tritanopia

73.5471, 66.8603, 71.3163

Trichromacy



Original Color

68.0292, 66.9058, 35.3152

Protanomaly

64.4178, 67.1891, 36.7677

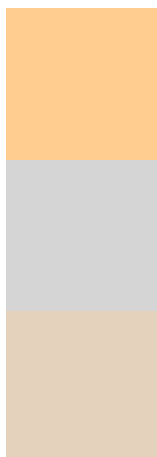
Deuteranomaly

68.1822, 66.9670, 36.1204

Tritanomaly

71.0963, 66.6211, 56.1257

Monochromacy



Original Color

68.0292, 66.9058, 35.3152

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.1186, 66.2180, 56.9789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0292, 66.9058, 35.3152 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(255, 205, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 143)  
}
```

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(255, 205, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 143) }
```

Border

The CSS property to change the border of an element to XYZ 68.0292, 66.9058, 35.3152 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(255, 205, 143) }
```


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

```
.border{ border-color:rgb(255, 205, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0292, 66.9058, 35.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 143) }
```

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

```
.background{ background-color: rgb(255,  
205, 143) }
```

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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