

Converting Colors

XYZ(68.3431, 67.5085, 35.4970)

Have a look what the booklet for
XYZ(68.3431, 67.5085, 35.4970)
contains.

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Color

**XYZ(68.2692, 67.3858,
35.3952)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCE8F
RGB	255, 206, 143
RGB Percent	100%, 81%, 56%
CMY	0.0000, 0.1921, 0.4392
CMYK	0.00, 0.19, 0.44, 0.00
HSL	34°, 100%, 78%
HSV	34°, 44%, 100%
XYZ	68.2692, 67.3858, 35.3952
YIQ	213.4690, 49.4270, -9.2050

Conversions

Conversions Part 2

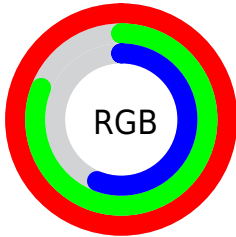
Format	Color
R_{YB}	230, 255, 143
Decimal	16764559
CIE _{Lab}	85.70, 9.43, 37.82
CIE _{LCh}	86, 38.981, 76.007
Yxy	67.3858, 0.3991, 0.3940
Android (android.graphics.Color)	4294954639 (0xFFFFCE8F)
YUV	213.4690, -34.7412, 36.4227
Hunter-Lab	82.0889, 4.7940, 31.8974

Details

The XYZ color **68.2692, 67.3858, 35.3952** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.2266, 50.7569, 101.8627**, and the grayscale version is **63.7638, 67.0845, 73.0550**.

A 20% lighter version of the original color is **87.0780, 96.8112, 66.9203**, and **35.9250, 34.9649, 14.9807** is the 20% darker color. If you saturate the color by 10%, you get **63.9623, 61.5200, 25.4882**, and if you desaturate by 10%, it is **73.2091, 73.8149, 47.6807**.

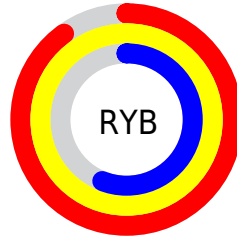
Distribution



Red (100%)

Green (81%)

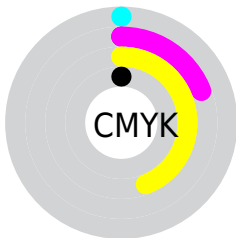
Blue (56%)



Red (90%)

Yellow (100%)

Blue (56%)

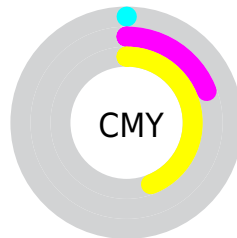


Cyan (0%)

Magenta (19%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.2692, 67.3858, 35.3952 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 68.2692, 67.3858, 35.3952 by changing the saturation by 10% instead.


 68.2692, 67.3858,
35.3952


 68.2692, 67.3858,
35.3952


443.8110,
451.3168, 341.2664

 50.3912, 49.3982,
23.6815


 115.7770,
115.4730, 69.2560

 35.9434, 34.9355,
14.8875


 146.1375,
146.3415, 92.2402

 24.5604, 23.6132,
8.5947

181.3896,
182.2724, 119.8184

 15.8768, 15.0469,
4.3846

221.8986,
223.6501, 152.4089

 9.5273, 8.8523,
1.8386

268.0299,
270.8590, 190.4305

 5.1466, 4.6450,
0.4533

320.1488,

 2.3691, 2.0405,

324.2834, 234.3015

0.0000

378.6207,
384.3079, 284.4407

■ 0.8297, 0.6308,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.2692, 67.3858,
35.3952

■ 68.2692, 67.3858,
35.3952

■ 63.9623, 61.5200,
25.4882

■ 73.2091, 73.8149,
47.6807

■ 60.2493, 56.1879,
17.7956

■ 78.8082, 80.8161,
62.4856

■ 57.0940, 51.3710,
12.1387

■ 85.0969, 88.4102,
79.9446

■ 54.4528, 47.0453,
8.3087

■ 92.1021, 96.6137,
100.1818

■ 52.2732, 43.1828,
6.0509

95.0499, 99.9999,
108.9000

■ 51.1302, 41.0405,
5.2268

Harmonies

Analogous

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



76.6641, 67.3858, 43.4970



68.2692, 67.3858, 35.3952



59.4510, 67.3858, 35.6698

Triad

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



68.2692, 67.3858, 35.3952



48.9879, 67.3858, 87.7101



77.1440, 67.3858, 112.8787

Complementary

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



68.2692, 67.3858, 35.3952



48.2266, 50.7569, 101.8627

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.



68.8765, 67.3858, 131.1770



68.2692, 67.3858, 35.3952



52.8983, 67.3858, 114.5078

Square

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



68.2692, 67.3858, 35.3952



48.8580, 67.3858, 62.1639



60.0048, 67.3858, 131.8340



82.0996, 67.3858, 85.8516

Rectangle

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



68.2692, 67.3858, 35.3952



54.5191, 67.3858, 40.4784



60.0048, 67.3858, 131.8340



74.6275, 67.3858, 120.5031

Sweetspot

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



68.2709, 67.3890, 35.3966



85.7118, 89.1401, 81.6901



60.7331, 44.7737, 56.1281



18.0326, 18.7071, 16.5979



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.



68.2709, 67.3890, 35.3966



64.3337, 62.0377, 26.3053



79.9275, 93.7163, 39.8639



18.8572, 19.6826, 18.9496



26.8680, 21.7473, 2.7815



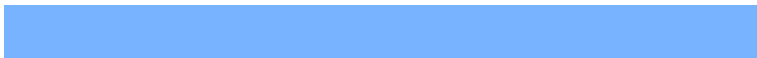
2.7249, 2.3351, 0.3071

Inverse Universe

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



48.2266, 50.7569, 101.8627



41.8892, 43.4309, 100.7829



40.1946, 33.2177, 98.9006



17.6568, 18.6851, 22.9259



12.5756, 10.0609, 50.7137



1.3309, 1.1925, 4.9733

Previews

White Background



This preview shows how the XYZ color 68.2692, 67.3858, 35.3952 looks on a white background.

Color Contrast Check

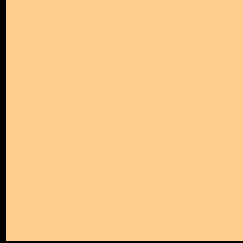
Large Text (above 18pt) WCAG AA × Fail

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 68.2692, 67.3858, 35.3952 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 68.2692, 67.3858, 35.3952

Background



This preview shows how black text looks on a background with the XYZ color 68.2692, 67.3858, 35.3952.



This preview shows how white text looks on a background with the XYZ color 68.2692, 67.3858,

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

68.2692, 67.3858, 35.3952

Protanopia

62.5136, 67.3243, 36.8942

Deuteranopia

68.6566, 67.5407, 37.4350



Tritanopia

73.9045, 67.3726, 72.0598

Trichromacy



Original Color

68.2692, 67.3858, 35.3952

Protanomaly

64.3403, 67.1581, 36.3598

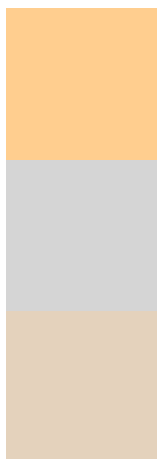
Deuteranomaly

68.4996, 67.4779, 36.6084

Tritanomaly

71.4376, 67.1319, 56.7695

Monochromacy



Original Color

68.2692, 67.3858, 35.3952

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 68.2692, 67.3858, 35.3952 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, 206, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 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, 206, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 143) }
```

Border

The CSS property to change the border of an element to XYZ 68.2692, 67.3858, 35.3952 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, 206, 143) }
```


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

```
.border{ border-color:rgb(255, 206, 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, 206, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 68.2692, 67.3858, 35.3952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 143) }
```

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

```
.background{ background-color: rgb(255,  
206, 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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