

Converting Colors

XYZ(94.5134, 79.7447, 32.5381)

Have a look what the booklet for
XYZ(94.5134, 79.7447, 32.5381)
contains.

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Color

**XYZ(66.5942, 65.1945,
31.2642)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCA85
RGB	255, 202, 133
RGB Percent	100%, 79%, 52%
CMY	0.0000, 0.2078, 0.4784
CMYK	0.00, 0.21, 0.48, 0.00
HSL	34°, 100%, 76%
HSV	34°, 48%, 100%
XYZ	66.5942, 65.1945, 31.2642
YIQ	209.9810, 53.7370, -10.2230

Conversions

Conversions Part 2

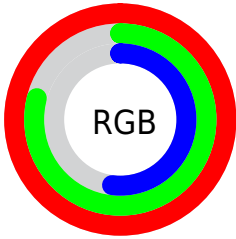
Format	Color
R_{YB}	227, 255, 133
Decimal	16763525
CIE _{Lab}	84.58, 10.54, 41.48
CIE _{LCh}	85, 42.793, 75.745
Yxy	65.1945, 0.4084, 0.3998
Android (android.graphics.Color)	4294953605 (0xFFFFCA85)
YUV	209.9810, -37.9516, 39.4817
Hunter-Lab	80.7431, 5.9203, 33.5627

Details

The XYZ color **66.5942, 65.1945, 31.2642** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.2811, 47.3226, 101.3552**, and the grayscale version is **61.4641, 64.6650, 70.4202**.

A 20% lighter version of the original color is **85.9696, 96.3679, 61.0835**, and **34.8778, 33.5248, 12.6153** is the 20% darker color. If you saturate the color by 10%, you get **62.5358, 59.5631, 22.2497**, and if you desaturate by 10%, it is **71.2700, 71.3763, 42.5955**.

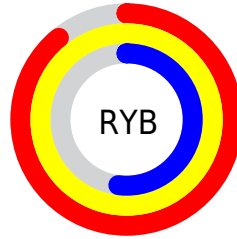
Distribution



Red (100%)

Green (79%)

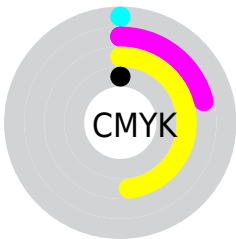
Blue (52%)



Red (89%)

Yellow (100%)

Blue (52%)

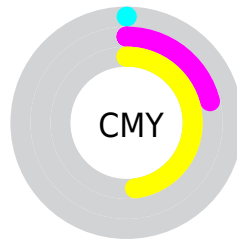


Cyan (0%)

Magenta (21%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.5942, 65.1945, 31.2642 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 66.5942, 65.1945, 31.2642 by changing the saturation by 10% instead.


 66.5942, 65.1945,
31.2642

 66.5942, 65.1945,
31.2642


437.9542,
443.4906, 322.1425


 49.0244, 47.6188,
20.5400


 113.3918,
112.3294, 62.7402

 34.8535, 33.5251,
12.6002


 143.3502,
142.6575, 84.3291

 23.7160, 22.5290,
7.0263


 178.1690,
178.0051, 110.3766

 15.2467, 14.2461,
3.3999

218.2133,
218.7567, 141.3013

 9.0801, 8.2921,
1.3023

263.8487,
265.2966, 177.5217

 4.8510, 4.2824,
0.0636

315.4404,

 2.1940, 1.8327,

318.0093, 219.4563

0.0000

373.3537,
377.2792, 267.5237

■ 0.7396, 0.5075,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.5942, 65.1945,
31.2642

■ 66.5942, 65.1945,
31.2642

■ 62.5358, 59.5631,
22.2497

■ 71.2700, 71.3763,
42.5955

■ 59.0547, 54.4525,
15.3809

■ 76.5905, 78.1180,
56.3901

■ 56.1125, 49.8433,
10.4694

■ 82.5869, 85.4405,
72.7869

■ 53.6630, 45.7104,
7.2911

■ 89.2868, 93.3605,
91.9133

■ 51.6453, 42.0225, 95.0499, 100.0000,
5.5471 108.9000

■ 51.2486, 41.2772,
5.2662

Harmonies

Analogous

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



75.6723, 65.1945, 39.6079



66.5942, 65.1945, 31.2642



57.1185, 65.1945, 31.4694

Triad

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



66.5942, 65.1945, 31.2642



45.9298, 65.1945, 86.2216



76.0585, 65.1945, 114.3347

Complementary

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



66.5942, 65.1945, 31.2642



45.2811, 47.3226, 101.3552

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.



67.0791, 65.1945, 134.5264



66.5942, 65.1945, 31.2642



50.0225, 65.1945, 115.6679

Square

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



66.5942, 65.1945, 31.2642



45.8287, 65.1945, 58.8166



57.5563, 65.1945, 135.0689



81.5047, 65.1945, 84.7273

Rectangle

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



66.5942, 65.1945, 31.2642



51.8526, 65.1945, 36.3071



57.5563, 65.1945, 135.0689



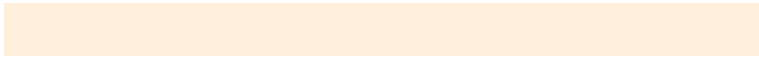
73.3143, 65.1945, 122.7480

Sweetspot

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



66.5958, 65.1976, 31.2655



85.0767, 88.4122, 79.8063



58.6942, 41.6622, 52.4692



17.9079, 18.5643, 16.2274



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.



66.5958, 65.1976, 31.2655



62.8550, 60.0173, 22.9238



79.0250, 93.3348, 36.0414



18.8620, 19.6922, 18.9512



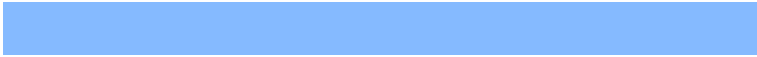
26.9298, 21.8709, 2.8021



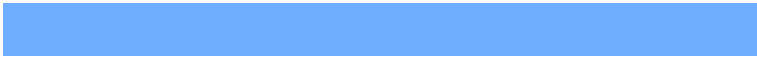
2.7308, 2.3469, 0.3091

Inverse Universe

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



45.2811, 47.3226, 101.3552



39.3397, 40.3181, 100.3165



37.1023, 29.4934, 98.3449



17.6520, 18.6757, 22.9244



12.5305, 9.9706, 50.6987



1.3263, 1.1833, 4.9718

Previews

White Background



This preview shows how the XYZ color 66.5942, 65.1945, 31.2642 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 66.5942, 65.1945, 31.2642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

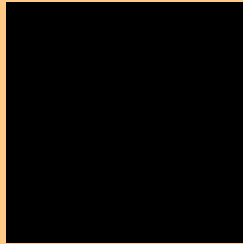
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.5942, 65.1945, 31.2642

Background



This preview shows how black text looks on a background with the XYZ color 66.5942, 65.1945, 31.2642.



This preview shows how white text looks on a background with the XYZ color 66.5942, 65.1945,

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

66.5942, 65.1945, 31.2642

Protanopia

60.4427, 65.2177, 33.0695

Deuteranopia

66.5942, 65.1945, 31.2642



Tritanopia

72.3651, 65.2939, 68.4634

Trichromacy



Original Color

66.5942, 65.1945, 31.2642

Protanomaly

62.5964, 65.2400, 32.5860

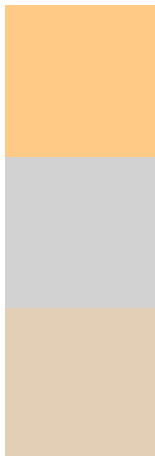
Deuteranomaly

66.5942, 65.1945, 31.2642

Tritanomaly

69.7746, 64.9844, 52.5818

Monochromacy



Original Color

66.5942, 65.1945, 31.2642

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.1204, 64.1718, 53.3683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5942, 65.1945, 31.2642 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, 202, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 133)  
}
```

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, 202, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 133) }
```

Border

The CSS property to change the border of an element to XYZ 66.5942, 65.1945, 31.2642 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, 202, 133) }
```


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

```
.border{ border-color:rgb(255, 202, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 202, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5942, 65.1945, 31.2642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 133) }
```

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

```
.background{ background-color: rgb(255,  
202, 133) }
```

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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