

Converting Colors

XYZ(64.5716, 63.8442, 31.1108)

Have a look what the booklet for
XYZ(64.5716, 63.8442, 31.1108)
contains.

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Color

**XYZ(64.5446, 63.7907,
31.1013)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC985
RGB	250, 201, 133
RGB Percent	98%, 79%, 52%
CMY	0.0196, 0.2117, 0.4784
CMYK	0.00, 0.20, 0.47, 0.02
HSL	35°, 92%, 75%
HSV	35°, 47%, 98%
XYZ	64.5446, 63.7907, 31.1013
YIQ	207.8990, 51.0320, -10.7600

Conversions

Conversions Part 2

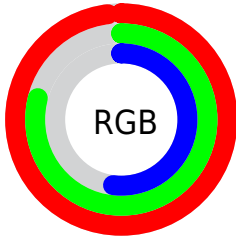
Format	Color
R _Y B	217, 250, 133
Decimal	16435589
CIE Lab	83.86, 9.07, 40.45
CIE LCh	84, 41.455, 77.365
Yxy	63.7907, 0.4048, 0.4001
Android (android.graphics.Color)	4294625669 (0xFFFA C985)
YUV	207.8990, -36.9252, 36.9226
Hunter-Lab	79.8691, 4.4803, 32.8206

Details

The XYZ color **64.5446, 63.7907, 31.1013** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.6555, 45.3429, 96.8934**, and the grayscale version is **60.0987, 63.2285, 68.8558**.

A 20% lighter version of the original color is **85.9696, 96.3679, 61.0835**, and **33.4426, 32.5530, 12.5034** is the 20% darker color. If you saturate the color by 10%, you get **60.6612, 58.4669, 22.2760**, and if you desaturate by 10%, it is **69.0085, 69.6177, 42.1492**.

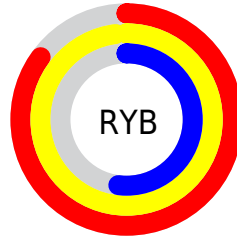
Distribution



Red (98%)

Green (79%)

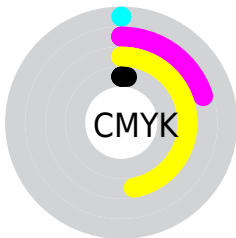
Blue (52%)



Red (85%)

Yellow (98%)

Blue (52%)

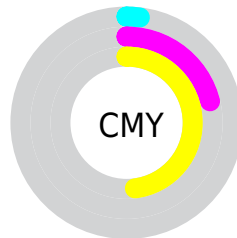


Cyan (0%)

Magenta (20%)

Yellow (47%)

Black (2%)



Cyan (2%)

Magenta (21%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.5446, 63.7907, 31.1013 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 64.5446, 63.7907, 31.1013 by changing the saturation by 10% instead.

64.5446, 63.7907,
31.1013

64.5446, 63.7907,
31.1013

430.7248,
438.4334, 321.3704

47.3552, 46.4812,
20.4169

110.4642,
110.3095, 62.4810

33.5257, 32.6257,
12.5114

139.9252,
140.2875, 84.0133

22.6906, 21.8399,
6.9662

174.2074,
175.2571, 109.9987

14.4847, 13.7393,
3.3628

213.6763,
215.6028, 140.8557

8.5425, 7.9396,
1.2828

258.6971,
261.7088, 177.0028

4.4987, 4.0563,
0.0476

309.6352,

1.9879, 1.7051,

313.9597, 218.8586

0.0000

366.8560,
372.7398, 266.8416

■ 0.6272, 0.4270,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.5446, 63.7907,
31.1013

■ 64.5446, 63.7907,
31.1013

■ 60.6612, 58.4669,
22.2760

■ 69.0085, 69.6177,
42.1492

■ 57.3208, 53.6188,
15.5124

■ 74.0781, 75.9558,
55.5575

■ 54.4878, 49.2291,
10.6336

■ 79.7827, 82.8241,
71.4575

■ 52.1195, 45.2751,
7.4310

■ 86.1478, 90.2377,
89.9695

■ 50.1621, 41.7296,
5.6406

■ 92.7103, 98.0161,
108.6404

■ 49.5972, 40.6699,
5.2360

■ 93.2342, 99.0639,
108.8150

Harmonies

Analogous

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



73.2882, 63.7907, 38.6984



64.5446, 63.7907, 31.1013



55.5514, 63.7907, 31.7327

Triad

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



64.5446, 63.7907, 31.1013



45.4006, 63.7907, 85.5335



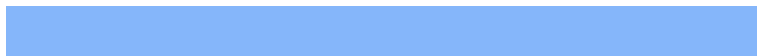
74.4543, 63.7907, 109.2846

Complementary

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



64.5446, 63.7907, 31.1013



43.6555, 45.3429, 96.8934

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.



66.0115, 63.7907, 129.1914



64.5446, 63.7907, 31.1013



49.5223, 63.7907, 113.2932

Square

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



64.5446, 63.7907, 31.1013



45.0927, 63.7907, 59.0501



56.8792, 63.7907, 130.8190



79.3828, 63.7907, 81.0204

Rectangle

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



64.5446, 63.7907, 31.1013



50.6085, 63.7907, 36.7249



56.8792, 63.7907, 130.8190



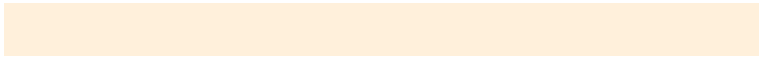
71.8968, 63.7907, 117.4523

Sweetspot

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



64.5462, 63.7937, 31.1026



85.2407, 88.7402, 79.8610



56.4325, 40.5478, 50.0355



17.9479, 18.6443, 16.2408



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.



64.5462, 63.7937, 31.1026



63.7361, 61.5550, 23.9097



75.1059, 88.9772, 35.4069



18.0827, 18.9014, 18.1577



26.4535, 21.8636, 2.8259



2.5548, 2.2345, 0.2966

Inverse Universe

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



43.6555, 45.3429, 96.8934



39.5097, 40.1822, 100.2813



36.5940, 29.3232, 94.1734



16.8803, 17.8374, 21.9386



11.9501, 9.2558, 49.1303



1.2089, 1.0615, 4.5843

Previews

White Background



This preview shows how the XYZ color 64.5446, 63.7907, 31.1013 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 64.5446, 63.7907, 31.1013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

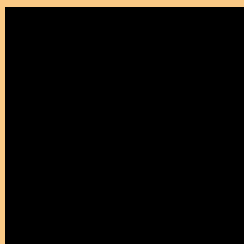
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.5446, 63.7907, 31.1013

Background



This preview shows how black text looks on a background with the XYZ color 64.5446, 63.7907, 31.1013.



This preview shows how white text looks on a background with the XYZ color 64.5446, 63.7907,

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

64.5446, 63.7907, 31.1013

Protanopia

58.9230, 63.7094, 32.4841

Deuteranopia

65.0328, 63.6975, 31.0575



Tritanopia

71.5724, 63.9049, 67.5941

Trichromacy



Original Color

64.5446, 63.7907, 31.1013

Protanomaly

60.7054, 63.5541, 31.9893

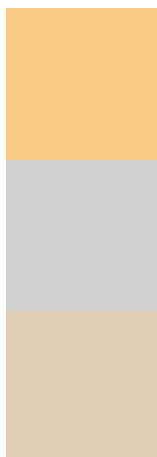
Deuteranomaly

64.6716, 63.5112, 31.0406

Tritanomaly

68.4862, 63.6578, 51.8576

Monochromacy



Original Color

64.5446, 63.7907, 31.1013

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.6032, 62.6868, 52.6217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5446, 63.7907, 31.1013 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(250, 201, 133)` looks like.

```
.text, #text, p{  
    color:rgb(250, 201, 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(250, 201, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 201, 133) }
```

Border

The CSS property to change the border of an element to XYZ 64.5446, 63.7907, 31.1013 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(250, 201, 133) }
```


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

```
.border{ border-color:rgb(250, 201, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 201, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 201, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 201, 133);  
box-shadow:4px 4px 4px 4px rgb(250, 201,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5446, 63.7907, 31.1013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 201, 133) }
```

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

```
.background{ background-color: rgb(250,  
201, 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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