

Converting Colors

XYZ(65.7372, 63.3694, 31.3211)

Have a look what the booklet for
XYZ(65.7372, 63.3694, 31.3211)
contains.

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Color

**XYZ(65.7372, 63.3694,
31.3211)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC686
RGB	255, 198, 134
RGB Percent	100%, 78%, 53%
CMY	0.0000, 0.2235, 0.4745
CMYK	0.00, 0.22, 0.47, 0.00
HSL	32°, 100%, 76%
HSV	32°, 47%, 100%
XYZ	65.7372, 63.3694, 31.3211
YIQ	207.7470, 54.5160, -7.8200

Conversions

Conversions Part 2

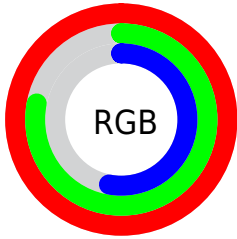
Format	Color
R _Y B	242, 255, 134
Decimal	16762502
CIE Lab	83.64, 12.71, 39.76
CIE LCh	84, 41.743, 72.276
Yxy	63.3694, 0.4098, 0.3950
Android (android.graphics.Color)	4294952582 (0xFFFFC686)
YUV	207.7470, -36.3573, 41.4409
Hunter-Lab	79.6049, 8.0955, 32.3954

Details

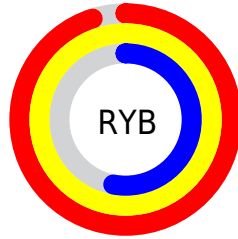
The XYZ color **65.7372, 63.3694, 31.3211** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.5116, 49.5481, 101.7199**, and the grayscale version is **59.9950, 63.1194, 68.7370**.

A 20% lighter version of the original color is **86.0771, 96.4108, 61.6494**, and **34.2995, 32.3068, 12.6117** is the 20% darker color. If you saturate the color by 10%, you get **61.5315, 57.4693, 22.1775**, and if you desaturate by 10%, it is **70.5926, 69.8826, 42.7979**.

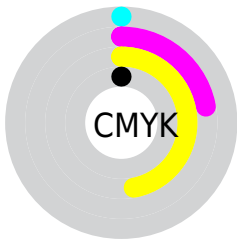
Distribution



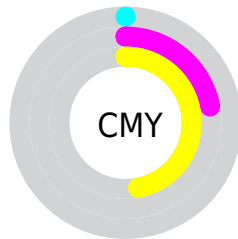
- Red (100%)
- Green (78%)
- Blue (53%)



- Red (95%)
- Yellow (100%)
- Blue (53%)



- Cyan (0%)
- Magenta (22%)
- Yellow (47%)
- Black (0%)





- Cyan (0%)
- Magenta (22%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.7372, 63.3694, 31.3211 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 65.7372, 63.3694, 31.3211 by changing the saturation by 10% instead.

 65.7372, 63.3694,
31.3211

 65.7372, 63.3694,
31.3211


434.9399,
436.9089, 322.4118


 48.3260, 46.1401,
20.5830


 112.1689,
109.7023, 62.8307

 34.2975, 32.3564,
12.6312


 141.9201,
139.5746, 84.4393

 23.2862, 21.6339,
7.0474


 176.5154,
174.4302, 110.5085

 14.9268, 13.5881,
3.4129

216.3200,
214.6532, 141.4568

 8.8540, 7.8348,
1.3091

261.6995,
260.6282, 177.7027

 4.7024, 3.9894,
0.0692

313.0190,

 2.1067, 1.6676,

312.7396, 219.6648

0.0000

370.6440,
371.3717, 267.7617

■ 0.6929, 0.4026,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.7372, 63.3694,
31.3211

■ 65.7372, 63.3694,
31.3211

■ 61.5315, 57.4693,
22.1775

■ 70.5926, 69.8826,
42.7979

■ 57.9344, 52.1505,
15.1967

■ 76.1261, 77.0208,
56.7544

■ 54.9066, 47.3916,
10.1905

■ 82.3697, 84.8067,
73.3293

■ 52.4009, 43.1648,
6.9365

■ 89.3520, 93.2590,
92.6499

■ 50.3570, 39.4370, 95.0499, 100.0000,
5.1447 108.9000

■ 49.8883, 38.5566,
4.8128

Harmonies

Analogous

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



74.1827, 63.3694, 40.3919



65.7372, 63.3694, 31.3211



56.5731, 63.3694, 30.5959

Triad

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



65.7372, 63.3694, 31.3211



44.6477, 63.3694, 80.2552



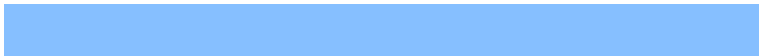
72.8347, 63.3694, 113.3078

Complementary

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



65.7372, 63.3694, 31.3211



46.5116, 49.5481, 101.7199

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.



64.0427, 63.3694, 130.7408



65.7372, 63.3694, 31.3211



48.1479, 63.3694, 108.6671

Square

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



65.7372, 63.3694, 31.3211



45.0025, 63.3694, 54.7907



55.0406, 63.3694, 128.8552



78.5567, 63.3694, 85.4718

Rectangle

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



65.7372, 63.3694, 31.3211



51.3305, 63.3694, 34.6103



55.0406, 63.3694, 128.8552



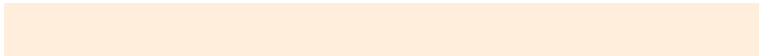
70.1045, 63.3694, 120.8610

Sweetspot

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



65.7388, 63.3724, 31.3224



84.6940, 87.6467, 79.6788



59.3335, 42.1380, 55.1573



17.8147, 18.3779, 16.1964



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.



65.7388, 63.3724, 31.3224



61.7075, 57.7223, 22.5413



80.5651, 94.1207, 36.4759



18.8048, 19.5778, 18.9321



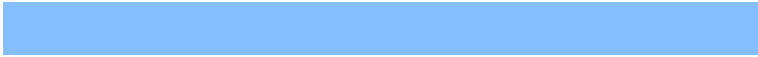
26.2186, 20.4484, 2.5651



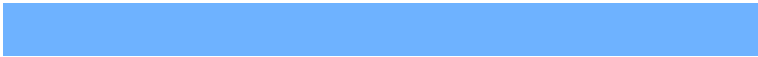
2.6622, 2.2099, 0.2862

Inverse Universe

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



46.5116, 49.5481, 101.7199



40.3800, 42.3987, 100.6633



36.7318, 29.5066, 98.3669



17.7085, 18.7887, 22.9432



13.0948, 11.0991, 50.8868



1.3833, 1.2973, 4.9908

Previews

White Background



This preview shows how the XYZ color 65.7372, 63.3694, 31.3211 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 65.7372, 63.3694, 31.3211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

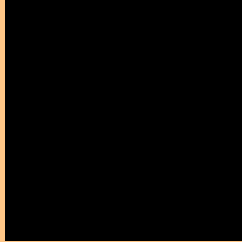
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.7372, 63.3694, 31.3211

Background



This preview shows how black text looks on a background with the XYZ color 65.7372, 63.3694, 31.3211.



This preview shows how white text looks on a background with the XYZ color 65.7372, 63.3694,

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

65.7372, 63.3694, 31.3211

Protanopia

59.0665, 63.7668, 33.2398

Deuteranopia

64.8714, 63.2635, 31.3462



Tritanopia

70.9887, 63.3189, 65.6070

Trichromacy



Original Color

65.7372, 63.3694, 31.3211

Protanomaly

61.2717, 63.4733, 32.6891

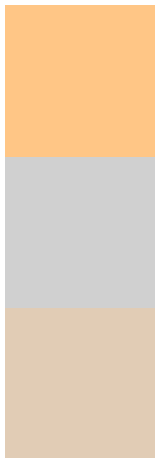
Deuteranomaly

65.2345, 63.4507, 31.3632

Tritanomaly

68.6685, 63.0982, 51.2078

Monochromacy



Original Color

65.7372, 63.3694, 31.3211

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.9847, 62.5295, 52.5712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7372, 63.3694, 31.3211 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, 198, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 134)  
}
```

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, 198, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 134) }
```

Border

The CSS property to change the border of an element to XYZ 65.7372, 63.3694, 31.3211 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, 198, 134) }
```


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

```
.border{ border-color:rgb(255, 198, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 198, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 134);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7372, 63.3694, 31.3211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 134) }
```

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

```
.background{ background-color: rgb(255,  
198, 134) }
```

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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