

Converting Colors

XYZ(71.5040, 65.8695, 33.9177)

Have a look what the booklet for
XYZ(71.5040, 65.8695, 33.9177)
contains.

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Color

**XYZ(65.9399, 63.0860,
33.5123)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC58C
RGB	255, 197, 140
RGB Percent	100%, 77%, 55%
CMY	0.0000, 0.2274, 0.4510
CMYK	0.00, 0.23, 0.45, 0.00
HSL	30°, 100%, 77%
HSV	30°, 45%, 100%
XYZ	65.9399, 63.0860, 33.5123
YIQ	207.8440, 52.8650, -5.4310

Conversions

Conversions Part 2

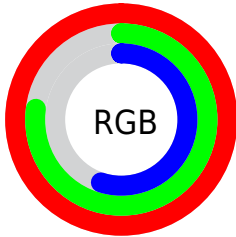
Format	Color
R _Y B	255, 253, 140
Decimal	16762252
CIE Lab	83.49, 13.80, 36.50
CIE LCh	83, 39.019, 69.283
Yxy	63.0860, 0.4057, 0.3881
Android (android.graphics.Color)	4294952332 (0xFFFFC58C)
YUV	207.8440, -33.4471, 41.3558
Hunter-Lab	79.4267, 9.1937, 30.5826

Details

The XYZ color **65.9399, 63.0860, 33.5123** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.0584, 53.1814, 102.2869**, and the grayscale version is **60.0404, 63.1672, 68.7891**.

A 20% lighter version of the original color is **86.4194, 96.0387, 65.0215**, and **34.3906, 32.1020, 13.8349** is the 20% darker color. If you saturate the color by 10%, you get **61.4769, 56.8285, 23.7986**, and if you desaturate by 10%, it is **71.0908, 70.0221, 45.6060**.

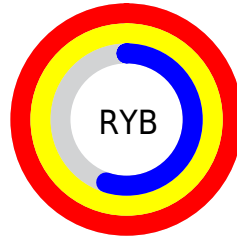
Distribution



Red (100%)

Green (77%)

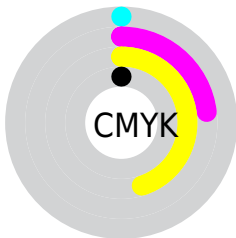
Blue (55%)



Red (100%)

Yellow (99%)

Blue (55%)

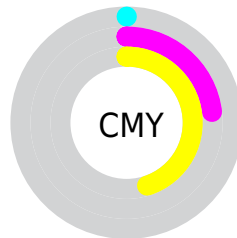


Cyan (0%)

Magenta (23%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.9399, 63.0860, 33.5123 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 65.9399, 63.0860, 33.5123 by changing the saturation by 10% instead.


 65.9399, 63.0860,
33.5123

 65.9399, 63.0860,
33.5123

435.6539,
435.8815, 332.6544


 48.4911, 45.9108,
22.2449


 112.4583,
109.2936, 66.2997

 34.4289, 32.1754,
13.8369


 142.2586,
139.0947, 88.6568

 23.3877, 21.4955,
7.8699


 176.9068,
173.8733, 115.5475

 15.0023, 13.4867,
3.9252

216.7683,
214.0137, 147.3904

 8.9073, 7.7645,
1.5844

262.2084,
259.9003, 184.6040

 4.7374, 3.9447,
0.2797

313.5925,

 2.1272, 1.6426,

311.9176, 227.6068

0.0000

371.2859,
370.4499, 276.8175

■ 0.7039, 0.3861,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.9399, 63.0860,
33.5123

■ 65.9399, 63.0860,
33.5123

■ 61.4769, 56.8285,
23.7986

■ 71.0908, 70.0221,
45.6060

■ 57.6605, 51.2159,
16.2982

■ 76.9586, 77.6506,
60.2231

■ 54.4512, 46.2245,
10.8288

■ 83.5758, 85.9962,
77.5004

■ 51.8023, 41.8249,
7.1766

■ 90.9716, 95.0796,
97.5632

■ 49.6571, 37.9832, 95.0499, 100.0000,
5.0784 108.9000

■ 48.7526, 36.2853,
4.4342

Harmonies

Analogous

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



73.5437, 63.0860, 43.0800



65.9399, 63.0860, 33.5123



57.3597, 63.0860, 32.0365

Triad

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



65.9399, 63.0860, 33.5123



45.2151, 63.0860, 76.5321



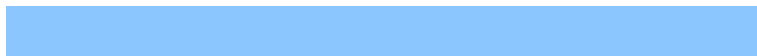
70.9330, 63.0860, 111.7367

Complementary

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



65.9399, 63.0860, 33.5123



49.0584, 53.1814, 102.2869

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.



62.6405, 63.0860, 126.1147



65.9399, 63.0860, 33.5123



48.1636, 63.0860, 102.8490

Square

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



65.9399, 63.0860, 33.5123



45.9180, 63.0860, 53.4059



54.3556, 63.0860, 122.5249



76.6105, 63.0860, 86.6428

Rectangle

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



65.9399, 63.0860, 33.5123



52.3066, 63.0860, 35.3797



54.3556, 63.0860, 122.5249



68.3287, 63.0860, 118.2244

Sweetspot

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



65.9415, 63.0890, 33.5136



84.3489, 86.9567, 79.5637



60.9756, 44.1596, 59.5972



17.7307, 18.2099, 16.1684



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.



65.9415, 63.0890, 33.5136



61.9346, 57.4834, 24.7534



81.1252, 93.4565, 38.5748



18.7531, 19.4744, 18.9149



25.6233, 19.2578, 2.3666



2.6040, 2.0933, 0.2668

Inverse Universe

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



49.0584, 53.1814, 102.2869



43.1421, 46.4538, 101.3004



38.5264, 32.1173, 98.7763



17.7601, 18.8918, 22.9604



13.6553, 12.2201, 51.0736



1.4388, 1.4084, 5.0093

Previews

White Background



This preview shows how the XYZ color 65.9399, 63.0860, 33.5123 looks on a white background.

Color Contrast Check

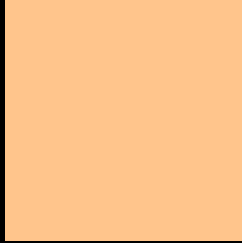
Large Text (above 18pt) WCAG AA × Fail

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 65.9399, 63.0860, 33.5123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

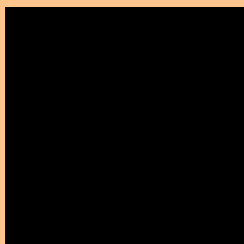
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.9399, 63.0860, 33.5123

Background



This preview shows how black text looks on a background with the XYZ color 65.9399, 63.0860, 33.5123.



This preview shows how white text looks on a background with the XYZ color 65.9399, 63.0860,

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

65.9399, 63.0860, 33.5123

Protanopia

58.7180, 63.1636, 35.8851

Deuteranopia

64.5814, 63.0643, 33.5798



Tritanopia

70.7699, 62.8812, 65.5341

Trichromacy



Original Color

65.9399, 63.0860, 33.5123

Protanomaly

61.1429, 63.0018, 34.9246

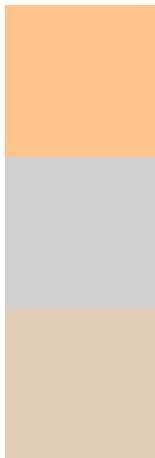
Deuteranomaly

65.0726, 62.9771, 33.5370

Tritanomaly

68.6505, 62.7361, 52.2071

Monochromacy



Original Color

65.9399, 63.0860, 33.5123

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.1914, 62.6122, 53.6600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9399, 63.0860, 33.5123 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, 197, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 140)  
}
```

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, 197, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 140) }
```

Border

The CSS property to change the border of an element to XYZ 65.9399, 63.0860, 33.5123 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, 197, 140) }
```


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

```
.border{ border-color:rgb(255, 197, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 197, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9399, 63.0860, 33.5123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 140) }
```

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

```
.background{ background-color: rgb(255,  
197, 140) }
```

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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