

Converting Colors

XYZ(65.2217, 63.4598, 32.2245)

Have a look what the booklet for
XYZ(65.2217, 63.4598, 32.2245)
contains.

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Color

**XYZ(65.0122, 63.3199,
32.0880)**

Conversions

Conversions Part 1

Format	Color
Hex	FCC788
RGB	252, 199, 136
RGB Percent	99%, 78%, 53%
CMY	0.0118, 0.2196, 0.4667
CMYK	0.00, 0.21, 0.46, 0.01
HSL	33°, 95%, 76%
HSV	33°, 46%, 99%
XYZ	65.0122, 63.3199, 32.0880
YIQ	207.6650, 51.8110, -8.3570

Conversions

Conversions Part 2

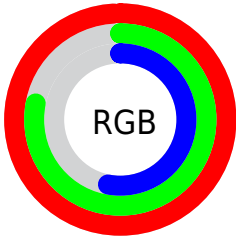
Format	Color
R _Y B	234, 252, 136
Decimal	16566152
CIE Lab	83.61, 11.19, 38.65
CIE LCh	84, 40.235, 73.855
Yxy	63.3199, 0.4053, 0.3947
Android (android.graphics.Color)	4294756232 (0xFFFC788)
YUV	207.6650, -35.3308, 38.8818
Hunter-Lab	79.5738, 6.5813, 31.7931

Details

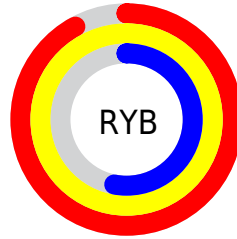
The XYZ color **65.0122, 63.3199, 32.0880** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.9208, 48.6556, 99.0663**, and the grayscale version is **59.9366, 63.0580, 68.6702**.

A 20% lighter version of the original color is **86.2943, 96.4977, 62.7929**, and **33.7574, 32.2441, 13.0389** is the 20% darker color. If you saturate the color by 10%, you get **60.8784, 57.5894, 22.8891**, and if you desaturate by 10%, it is **69.7705, 69.6257, 43.5735**.

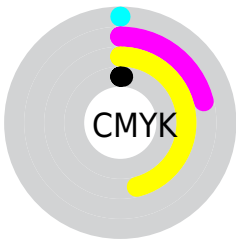
Distribution



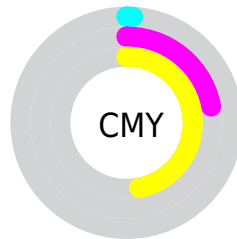
- Red (99%)
- Green (78%)
- Blue (53%)



- Red (92%)
- Yellow (99%)
- Blue (53%)



- Cyan (0%)
- Magenta (21%)
- Yellow (46%)
- Black (1%)





- Cyan (1%)
- Magenta (22%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.0122, 63.3199, 32.0880 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 65.0122, 63.3199, 32.0880 by changing the saturation by 10% instead.


 65.0122, 63.3199,
32.0880

 65.0122, 63.3199,
32.0880


432.3803,
436.7295, 326.0250


 47.7357, 46.1001,
21.1633


 111.1330,
109.6309, 64.0485

 33.8280, 32.3248,
13.0511


 140.7080,
139.4908, 85.9215

 22.9238, 21.6097,
7.3326


 175.1133,
174.3329, 112.2810

 14.6576, 13.5704,
3.5894

214.7141,
214.5416, 143.5455

 8.6642, 7.8225,
1.4029

259.8759,
260.5012, 180.1336

 4.5782, 3.9816,
0.1440

310.9639,

 2.0341, 1.6633,

312.5961, 222.4639

0.0000

368.3436,
371.2108, 270.9548

■ 0.6530, 0.3997,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.0122, 63.3199,
32.0880

■ 65.0122, 63.3199,
32.0880

■ 60.8784, 57.5894,
22.8891

■ 69.7705, 69.6257,
43.5735

■ 57.3302, 52.4044,
15.8137

■ 75.1801, 76.5170,
57.4856

■ 54.3306, 47.7451,
10.6831

■ 81.2714, 84.0151,
73.9575

■ 51.8353, 43.5863,
7.2869

■ 88.0713, 92.1372,
93.1115

■ 49.7900, 39.8984,
5.3642

93.9547, 99.4354,
108.8487

■ 49.0726, 38.5511,
4.8547

Harmonies

Analogous

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



73.2274, 63.3199, 40.5268



65.0122, 63.3199, 32.0880



56.2223, 63.3199, 31.7879

Triad

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



65.0122, 63.3199, 32.0880



45.2056, 63.3199, 81.2112



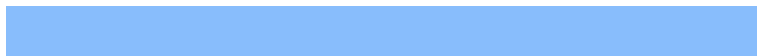
72.6837, 63.3199, 110.1218

Complementary

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



65.0122, 63.3199, 32.0880



45.9208, 48.6556, 99.0663

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.



64.3269, 63.3199, 127.5039



65.0122, 63.3199, 32.0880



48.7889, 63.3199, 108.2610

Square

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



65.0122, 63.3199, 32.0880



45.3504, 63.3199, 56.3290



55.6003, 63.3199, 126.7501



77.9428, 63.3199, 83.3159

Rectangle

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



65.0122, 63.3199, 32.0880



51.2414, 63.3199, 36.0252



55.6003, 63.3199, 126.7501



70.1100, 63.3199, 117.5222

Sweetspot

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



65.0138, 63.3229, 32.0893



84.8417, 87.9423, 79.7280



58.2581, 42.0278, 53.8338



17.8507, 18.4498, 16.2083



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.



65.0138, 63.3229, 32.0893



62.9351, 59.7221, 24.3548



78.0129, 91.3789, 36.8195



18.0258, 18.7875, 18.1387



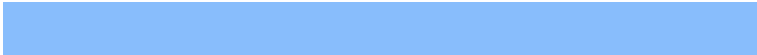
25.7119, 20.3805, 2.5787



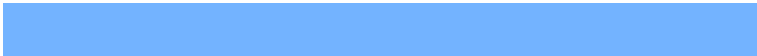
2.4874, 2.0996, 0.2742

Inverse Universe

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



45.9208, 48.6556, 99.0663



41.1719, 43.0170, 100.7409



37.1681, 30.2012, 95.9655



16.9363, 17.9494, 21.9572



12.4971, 10.3497, 49.3126



1.2620, 1.1676, 4.6020

Previews

White Background



This preview shows how the XYZ color 65.0122, 63.3199, 32.0880 looks on a white background.

Color Contrast Check

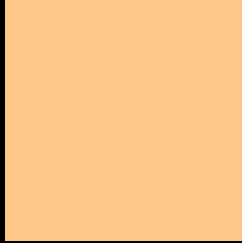
Large Text (above 18pt) WCAG AA × Fail

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 65.0122, 63.3199, 32.0880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

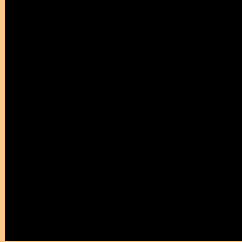
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.0122, 63.3199, 32.0880

Background



This preview shows how black text looks on a background with the XYZ color 65.0122, 63.3199, 32.0880.



This preview shows how white text looks on a background with the XYZ color 65.0122, 63.3199,

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

65.0122, 63.3199, 32.0880

Protanopia

58.8981, 63.6631, 33.9949

Deuteranopia

64.6510, 63.1337, 32.0711



Tritanopia

71.1091, 63.3671, 66.2408

Trichromacy



Original Color

65.0122, 63.3199, 32.0880

Protanomaly

60.7525, 63.1889, 33.4208

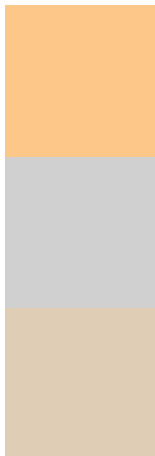
Deuteranomaly

64.6510, 63.1337, 32.0711

Tritanomaly

68.6264, 63.3963, 51.7997

Monochromacy



Original Color

65.0122, 63.3199, 32.0880

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.0153, 62.8873, 53.1786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0122, 63.3199, 32.0880 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(252, 199, 136)` looks like.

```
.text, #text, p{  
    color:rgb(252, 199, 136)  
}
```

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(252, 199, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 199, 136) }
```

Border

The CSS property to change the border of an element to XYZ 65.0122, 63.3199, 32.0880 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(252, 199, 136) }
```


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

```
.border{ border-color:rgb(252, 199, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 199, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 199, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 199, 136);  
box-shadow:4px 4px 4px 4px rgb(252, 199,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0122, 63.3199, 32.0880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 199, 136) }
```

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

```
.background{ background-color: rgb(252,  
199, 136) }
```

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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