

Converting Colors

XYZ(66.0537, 63.3137, 33.5511)

Have a look what the booklet for
XYZ(66.0537, 63.3137, 33.5511)
contains.

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Color

**XYZ(66.1677, 63.5416,
33.5883)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC68C
RGB	255, 198, 140
RGB Percent	100%, 78%, 55%
CMY	0.0000, 0.2235, 0.4510
CMYK	0.00, 0.22, 0.45, 0.00
HSL	30°, 100%, 77%
HSV	30°, 45%, 100%
XYZ	66.1677, 63.5416, 33.5883
YIQ	208.4310, 52.5900, -5.9540

Conversions

Conversions Part 2

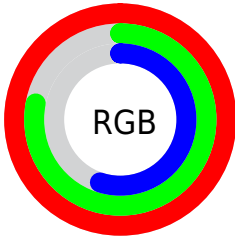
Format	Color
R _Y B	253, 255, 140
Decimal	16762508
CIE Lab	83.73, 13.28, 36.81
CIE LCh	84, 39.129, 70.156
Yxy	63.5416, 0.4052, 0.3891
Android (android.graphics.Color)	4294952588 (0xFFFFC68C)
YUV	208.4310, -33.7365, 40.8410
Hunter-Lab	79.7130, 8.6705, 30.8163

Details

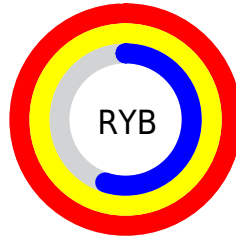
The XYZ color **66.1677, 63.5416, 33.5883** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.8307, 52.7259, 102.2110**, and the grayscale version is **60.4238, 63.5705, 69.2283**.

A 20% lighter version of the original color is **86.7376, 96.6750, 65.1275**, and **34.5414, 32.4035, 13.8852** is the 20% darker color. If you saturate the color by 10%, you get **61.7320, 57.3387, 23.8837**, and if you desaturate by 10%, it is **71.2833, 70.4069, 45.6702**.

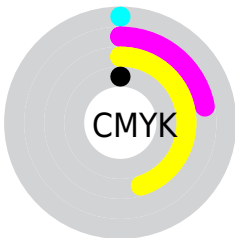
Distribution



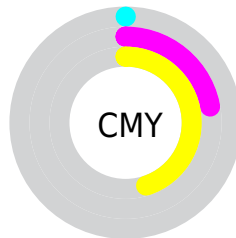
- Red (100%)
- Green (78%)
- Blue (55%)



- Red (99%)
- Yellow (100%)
- Blue (55%)



- Cyan (0%)
- Magenta (22%)
- Yellow (45%)
- Black (0%)





- Cyan (0%)
- Magenta (22%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.1677, 63.5416, 33.5883 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 66.1677, 63.5416, 33.5883 by changing the saturation by 10% instead.


 66.1677, 63.5416,
33.5883


 66.1677, 63.5416,
33.5883


436.4556,
437.5324, 333.0053


 48.6768, 46.2795,
22.3027


 112.7834,
109.9505, 66.4195

 34.5766, 32.4664,
13.8791


 142.6388,
139.8661, 88.8022

 23.5019, 21.7180,
7.8988


 177.3465,
174.7683, 115.7209

 15.0873, 13.6498,
3.9434

217.2718,
215.0415, 147.5944

 8.9674, 7.8775,
1.5944

262.7799,
261.0701, 184.8410

 4.7768, 4.0167,
0.2868

314.2364,

 2.1503, 1.6829,

313.2386, 227.8793

0.0000

372.0065,
371.9312, 277.1279

■ 0.7164, 0.4125,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.1677, 63.5416,
33.5883

■ 66.1677, 63.5416,
33.5883

■ 61.7320, 57.3387,
23.8837

■ 71.2833, 70.4069,
45.6702

■ 57.9352, 51.7653,
16.3898

■ 77.1073, 77.9480,
60.2728

■ 54.7382, 46.7984,
10.9245

■ 83.6721, 86.1888,
77.5326

■ 52.0944, 42.4092,
7.2740

■ 91.0064, 95.1493,
97.5750

■ 49.9479, 38.5648, 95.0499, 100.0000,
5.1754 108.9000

■ 49.0404, 36.8609,
4.5301

Harmonies

Analogous

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



73.8969, 63.5416, 42.9772



66.1677, 63.5416, 33.5883



57.5325, 63.5416, 32.3292

Triad

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



66.1677, 63.5416, 33.5883



45.5712, 63.5416, 77.8539



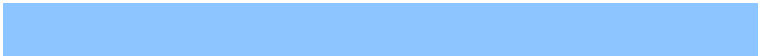
71.6668, 63.5416, 111.9295

Complementary

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



66.1677, 63.5416, 33.5883



48.8307, 52.7259, 102.2110

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.



63.3496, 63.5416, 126.8727



66.1677, 63.5416, 33.5883



48.6458, 63.5416, 104.3352

Square

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



66.1677, 63.5416, 33.5883



46.1712, 63.5416, 54.3589



54.9671, 63.5416, 123.8048



77.2742, 63.5416, 86.4903

Rectangle

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



66.1677, 63.5416, 33.5883



52.4821, 63.5416, 35.8539



54.9671, 63.5416, 123.8048



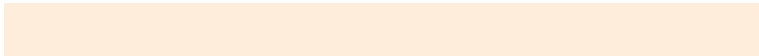
69.0644, 63.5416, 118.5910

Sweetspot

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



66.1693, 63.5446, 33.5896



84.4389, 87.1366, 79.5937



60.7538, 44.0709, 58.4292



17.7526, 18.2537, 16.1757



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.



66.1693, 63.5446, 33.5896



62.1871, 57.9884, 24.8375



81.7336, 94.6733, 38.7777



18.7666, 19.5014, 18.9194



25.7743, 19.5598, 2.4170



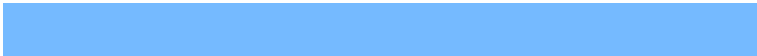
2.6188, 2.1230, 0.2718

Inverse Universe

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



48.8307, 52.7259, 102.2110



42.8896, 45.9489, 101.2162



38.2439, 31.5524, 98.6821



17.7466, 18.8648, 22.9559



13.5043, 11.9182, 51.0233



1.4240, 1.3786, 5.0043

Previews

White Background



This preview shows how the XYZ color 66.1677, 63.5416, 33.5883 looks on a white background.

Color Contrast Check

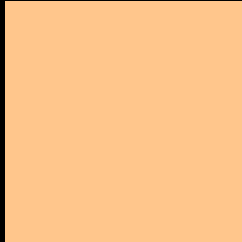
Large Text (above 18pt) WCAG AA × Fail

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 66.1677, 63.5416, 33.5883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

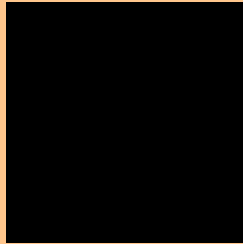
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.1677, 63.5416, 33.5883

Background



This preview shows how black text looks on a background with the XYZ color 66.1677, 63.5416, 33.5883.



This preview shows how white text looks on a background with the XYZ color 66.1677, 63.5416,

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

66.1677, 63.5416, 33.5883

Protanopia

59.1985, 63.7833, 35.5769

Deuteranopia

65.1716, 63.7112, 33.6735



Tritanopia

71.1091, 63.3671, 66.2408

Trichromacy



Original Color

66.1677, 63.5416, 33.5883

Protanomaly

61.7143, 63.6503, 35.0197

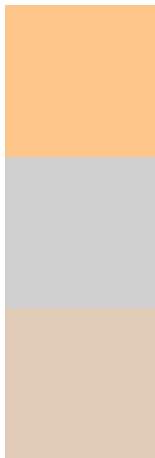
Deuteranomaly

65.3019, 63.4357, 33.6135

Tritanomaly

68.8723, 63.1798, 52.2810

Monochromacy



Original Color

66.1677, 63.5416, 33.5883

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 66.1677, 63.5416, 33.5883 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 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, 198, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 140) }
```

Border

The CSS property to change the border of an element to XYZ 66.1677, 63.5416, 33.5883 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, 140) }
```


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

```
.border{ border-color:rgb(255, 198, 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, 198, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1677, 63.5416, 33.5883 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, 140) }
```

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

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