

Converting Colors

XYZ(65.0257, 61.1195, 33.6332)

Have a look what the booklet for
XYZ(65.0257, 61.1195, 33.6332)
contains.

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Color

**XYZ(65.1177, 61.3230,
33.6038)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC18D
RGB	255, 193, 141
RGB Percent	100%, 76%, 55%
CMY	0.0000, 0.2431, 0.4471
CMYK	0.00, 0.24, 0.45, 0.00
HSL	27°, 100%, 78%
HSV	27°, 45%, 100%
XYZ	65.1177, 61.3230, 33.6038
YIQ	205.6100, 53.6440, -3.0280

Conversions

Conversions Part 2

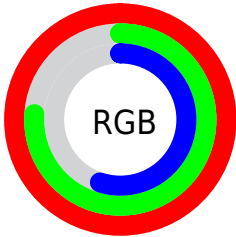
Format	Color
R _Y B	255, 237, 141
Decimal	16761229
CIE Lab	82.55, 15.99, 34.76
CIE LCh	83, 38.261, 65.299
Yxy	61.3230, 0.4069, 0.3832
Android (android.graphics.Color)	4294951309 (0xFFFFC18D)
YUV	205.6100, -31.8527, 43.3150
Hunter-Lab	78.3090, 11.3906, 29.3739

Details

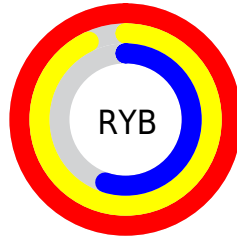
The XYZ color **65.1177, 61.3230, 33.6038** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.3896, 55.5925, 102.6822**, and the grayscale version is **58.5913, 61.6426, 67.1288**.

A 20% lighter version of the original color is **85.2759, 93.5713, 65.1963**, and **33.8430, 30.9392, 13.8610** is the 20% darker color. If you saturate the color by 10%, you get **60.5115, 54.8055, 23.7607**, and if you desaturate by 10%, it is **70.4513, 68.5961, 45.8455**.

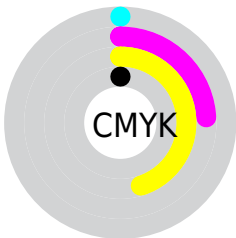
Distribution



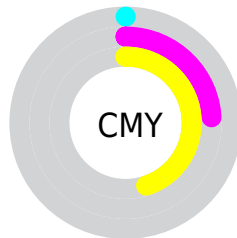
- Red (100%)
- Green (76%)
- Blue (55%)



- Red (100%)
- Yellow (93%)
- Blue (55%)



- Cyan (0%)
- Magenta (24%)
- Yellow (45%)
- Black (0%)




- Cyan (0%)
- Magenta (24%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.1177, 61.3230, 33.6038 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 65.1177, 61.3230, 33.6038 by changing the saturation by 10% instead.


 65.1177, 61.3230,
33.6038

 65.1177, 61.3230,
33.6038


432.7533,
429.4573, 333.0768


 47.8216, 44.4859,
22.3145


 111.2838,
106.7465, 66.4439

 33.8963, 31.0527,
13.8877


 140.8845,
136.1016, 88.8318

 22.9764, 20.6390,
7.9047


 175.3175,
170.3983, 115.7563

 14.6967, 12.8604,
3.9471

214.9480,
210.0208, 147.6359

 8.6917, 7.3325,
1.5964

260.1416,
255.3535, 184.8893

 4.5962, 3.6709,
0.2882

311.2634,

 2.0446, 1.4912,

306.7809, 227.9349

0.0000

368.6788,
364.6874, 277.1912

■ 0.6588, 0.2825,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.1177, 61.3230,
33.6038

■ 65.1177, 61.3230,
33.6038

■ 60.5115, 54.8055,
23.7607

■ 70.4513, 68.5961,
45.8455

■ 56.5898, 49.0068,
16.1500

■ 76.5427, 76.6420,
60.6295

■ 53.3116, 43.8997,
10.5894

■ 83.4260, 85.4884,
78.0923

■ 50.6285, 39.4511,
6.8660

■ 91.1316, 95.1586,
98.3598

■ 48.4823, 35.6232, 95.0499, 100.0000,
4.7186 108.9000

■ 47.5232, 33.8265,
4.0244

Harmonies

Analogous

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



72.1073, 61.3230, 43.9508



65.1177, 61.3230, 33.6038



56.8431, 61.3230, 31.1756

Triad

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



65.1177, 61.3230, 33.6038



43.9681, 61.3230, 71.0235



67.8682, 61.3230, 110.7616

Complementary

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



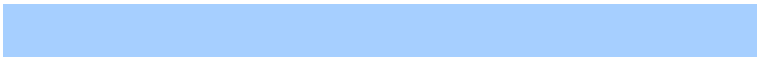
65.1177, 61.3230, 33.6038



50.3896, 55.5925, 102.6822

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.



59.7524, 61.3230, 122.5044



65.1177, 61.3230, 33.6038



46.3538, 61.3230, 96.3724

Square

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



65.1177, 61.3230, 33.6038



45.1163, 61.3230, 49.6401



51.9490, 61.3230, 116.7025



73.7967, 61.3230, 87.4476

Rectangle

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



65.1177, 61.3230, 33.6038



51.8110, 61.3230, 33.7300



51.9490, 61.3230, 116.7025



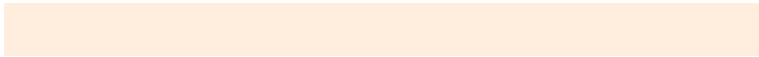
65.2785, 61.3230, 116.4136

Sweetspot

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



65.1192, 61.3259, 33.6050



84.6810, 87.0784, 81.3465



61.6283, 44.6556, 62.3100



17.7785, 18.1988, 16.5132



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.



65.1192, 61.3259, 33.6050



60.8135, 55.2413, 24.3797



80.0163, 91.1200, 38.5707



18.6920, 19.3522, 18.8945



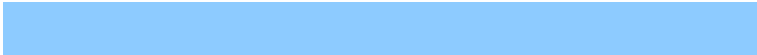
24.9770, 17.9651, 2.1512



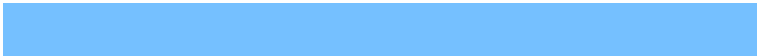
2.5395, 1.9644, 0.2453

Inverse Universe

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



50.3896, 55.5925, 102.6822



44.3163, 48.8023, 101.6918



39.4222, 33.6577, 99.0264



17.8216, 19.0148, 22.9809



14.3822, 13.6740, 51.3159



1.5096, 1.5499, 5.0329

Previews

White Background



This preview shows how the XYZ color 65.1177, 61.3230, 33.6038 looks on a white background.

Color Contrast Check

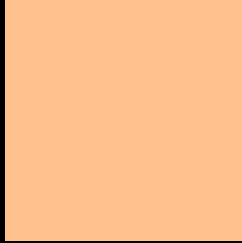
Large Text (above 18pt) WCAG AA × Fail

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 65.1177, 61.3230, 33.6038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

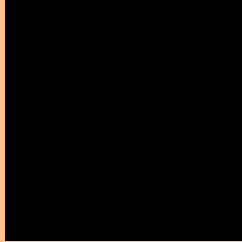
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.1177, 61.3230, 33.6038

Background



This preview shows how black text looks on a background with the XYZ color 65.1177, 61.3230, 33.6038.



This preview shows how white text looks on a background with the XYZ color 65.1177, 61.3230,

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

65.1177, 61.3230, 33.6038

Protanopia

57.3838, 61.7475, 36.0881

Deuteranopia

62.7059, 61.4188, 33.3610



Tritanopia

69.6485, 61.3966, 62.8234

Trichromacy



Original Color

65.1177, 61.3230, 33.6038

Protanomaly

59.8524, 61.2793, 35.0591

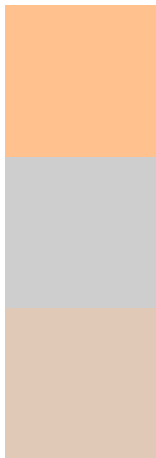
Deuteranomaly

63.5405, 61.5130, 33.3352

Tritanomaly

67.7901, 61.3416, 50.9150

Monochromacy



Original Color

65.1177, 61.3230, 33.6038

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.0706, 60.9980, 52.8637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1177, 61.3230, 33.6038 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, 193, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 141)  
}
```

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, 193, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 141) }
```

Border

The CSS property to change the border of an element to XYZ 65.1177, 61.3230, 33.6038 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, 193, 141) }
```


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

```
.border{ border-color:rgb(255, 193, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 193, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1177, 61.3230, 33.6038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 141) }
```

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

```
.background{ background-color: rgb(255,  
193, 141) }
```

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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