

Converting Colors

XYZ(61.6116, 57.0927, 23.8587)

Have a look what the booklet for
XYZ(61.6116, 57.0927, 23.8587)
contains.

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Color

**XYZ(61.6835, 57.1957,
24.0085)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB973
RGB	255, 185, 115
RGB Percent	100%, 73%, 45%
CMY	0.0000, 0.2745, 0.5490
CMYK	0.00, 0.27, 0.55, 0.00
HSL	30°, 100%, 73%
HSV	30°, 55%, 100%
XYZ	61.6835, 57.1957, 24.0085
YIQ	197.9500, 64.1900, -6.9300

Conversions

Conversions Part 2

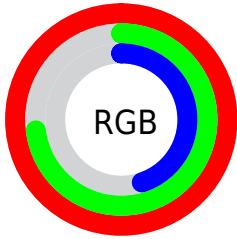
Format	Color
R _Y B	255, 255, 115
Decimal	16759155
CIE Lab	80.29, 17.85, 45.19
CIE LCh	80, 48.587, 68.444
Yxy	57.1957, 0.4317, 0.4003
Android (android.graphics.Color)	4294949235 (0xFFFFB973)
YUV	197.9500, -40.8943, 50.0329
Hunter-Lab	75.6278, 13.2393, 34.1175

Details

The XYZ color **61.6835, 57.1957, 24.0085** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.4684, 45.5609, 101.1632**, and the grayscale version is **53.8608, 56.6657, 61.7090**.

A 20% lighter version of the original color is **79.7632, 86.9977, 49.6341**, and **31.7111, 28.4863, 8.8281** is the 20% darker color. If you saturate the color by 10%, you get **57.8658, 51.5929, 16.4707**, and if you desaturate by 10%, it is **66.1489, 63.4448, 33.7652**.

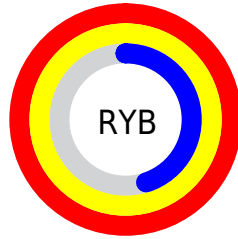
Distribution



Red (100%)

Green (73%)

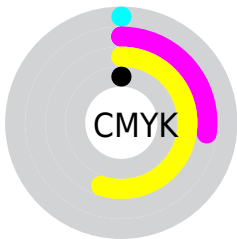
Blue (45%)



Red (100%)

Yellow (100%)

Blue (45%)

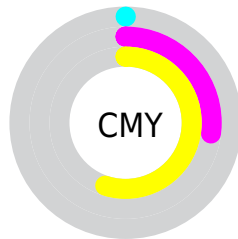


Cyan (0%)

Magenta (27%)

Yellow (55%)

Black (0%)



Cyan (0%)

Magenta (27%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.6835, 57.1957, 24.0085 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 61.6835, 57.1957, 24.0085 by changing the saturation by 10% instead.


 61.6835, 57.1957,
24.0085


 61.6835, 57.1957,
24.0085


420.5116,
414.1822, 286.1514


 45.0316, 41.1624,
15.1277


 106.3605,
100.7507, 50.9881

 31.6837, 28.4460,
8.7614


 135.1163,
129.0411, 69.9239

 21.2744, 18.6621,
4.4912


 168.6375,
162.1861, 93.0485

 13.4383, 11.4264,
1.8985

207.2895,
200.5699, 120.7803

 7.8102, 6.3544,
0.4918

251.4375,
244.5771, 153.5380

 4.0245, 3.0618,
0.0000

301.4470,

 1.7160, 1.1641,

294.5919, 191.7400

0.0000

357.6832,
350.9988, 235.8050

■ 0.4663, 0.0321,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.6835, 57.1957,
24.0085

■ 61.6835, 57.1957,
24.0085

■ 57.8658, 51.5929,
16.4707

■ 66.1489, 63.4448,
33.7652

■ 54.6512, 46.6018,
10.9654

■ 71.2944, 70.3559,
45.8999

■ 51.9943, 42.1960,
7.2807

■ 77.1547, 77.9546,
60.5607

■ 49.8391, 38.3422,
5.1548

■ 83.7607, 86.2621,
77.8827

48.8953, 36.5708,
4.4818

91.1413, 95.2987,
97.9912

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



70.7291, 57.1957, 34.0909



61.6835, 57.1957, 24.0085



51.6072, 57.1957, 22.3371

Triad

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



61.6835, 57.1957, 24.0085



37.5800, 57.1957, 70.6556



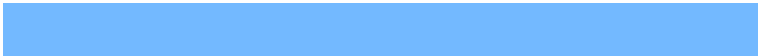
67.1183, 57.1957, 115.6680

Complementary

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



61.6835, 57.1957, 24.0085



42.4684, 45.5609, 101.1632

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.



57.2148, 57.1957, 133.5307



61.6835, 57.1957, 24.0085



40.7386, 57.1957, 102.8342

Square

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



61.6835, 57.1957, 24.0085



38.4691, 57.1957, 44.2697



47.6455, 57.1957, 128.2291



74.1232, 57.1957, 84.6035

Rectangle

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



61.6835, 57.1957, 24.0085



45.7668, 57.1957, 25.5094



47.6455, 57.1957, 128.2291



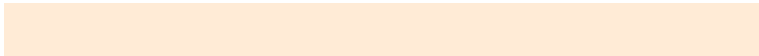
63.9729, 57.1957, 123.7879

Sweetspot

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



61.6849, 57.1985, 24.0096



82.9976, 85.3141, 75.8452



56.1279, 37.0247, 50.0877



17.4642, 17.8856, 15.4363



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.



61.6849, 57.1985, 24.0096



57.4840, 51.0150, 15.7698



80.0944, 94.0176, 30.1461



18.7598, 19.4878, 18.9171



25.6982, 19.4077, 2.3916



2.6114, 2.1081, 0.2693

Inverse Universe

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



42.4684, 45.5609, 101.1632



36.4858, 38.2984, 100.0771



31.2515, 23.1270, 97.4243



17.7533, 18.8783, 22.9581



13.5795, 12.0687, 51.0483



1.4314, 1.3935, 5.0068

Previews

White Background



This preview shows how the XYZ color 61.6835, 57.1957, 24.0085 looks on a white background.

Color Contrast Check

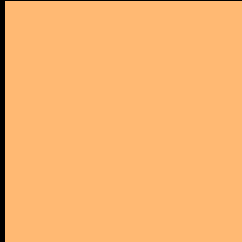
Large Text (above 18pt) WCAG AA × Fail

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 61.6835, 57.1957, 24.0085 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 61.6835, 57.1957, 24.0085

Background



This preview shows how black text looks on a background with the XYZ color 61.6835, 57.1957, 24.0085.



This preview shows how white text looks on a background with the XYZ color 61.6835, 57.1957,

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

61.6835, 57.1957, 24.0085

Protanopia

52.9579, 57.5700, 26.0902

Deuteranopia

58.4129, 57.0965, 23.8616



Tritanopia

66.7641, 57.2618, 56.8240

Trichromacy



Original Color

61.6835, 57.1957, 24.0085

Protanomaly

55.7401, 57.3271, 25.2670

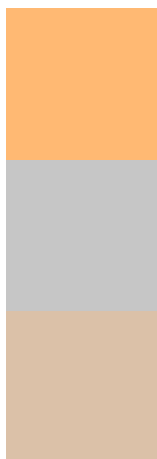
Deuteranomaly

59.3783, 56.9555, 23.7835

Tritanomaly

64.3747, 56.9521, 42.2503

Monochromacy



Original Color

61.6835, 57.1957, 24.0085

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.3513, 56.0272, 44.9428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6835, 57.1957, 24.0085 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, 185, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 115)  
}
```

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, 185, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 115) }
```

Border

The CSS property to change the border of an element to XYZ 61.6835, 57.1957, 24.0085 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, 185, 115) }
```


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

```
.border{ border-color:rgb(255, 185, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 185, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6835, 57.1957, 24.0085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 115) }
```

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

```
.background{ background-color: rgb(255,  
185, 115) }
```

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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