

Converting Colors

XYZ(67.4827, 66.0103, 26.2240)

Have a look what the booklet for
XYZ(67.4827, 66.0103, 26.2240)
contains.

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Color

**XYZ(65.8660, 65.2799,
26.2683)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCB76
RGB	255, 203, 118
RGB Percent	100%, 80%, 46%
CMY	0.0000, 0.2039, 0.5372
CMYK	0.00, 0.20, 0.54, 0.00
HSL	37°, 100%, 73%
HSV	37°, 54%, 100%
XYZ	65.8660, 65.2799, 26.2683
YIQ	208.8580, 58.2770, -15.4110

Conversions

Conversions Part 2

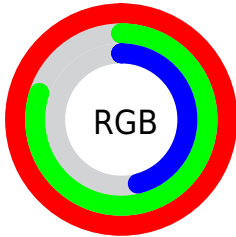
Format	Color
R_{YB}	202, 255, 118
Decimal	16763766
CIE _{Lab}	84.63, 8.72, 48.99
CIE _{LCh}	85, 49.762, 79.904
Yxy	65.2799, 0.4184, 0.4147
Android (android.graphics.Color)	4294953846 (0xFFFFCB76)
YUV	208.8580, -44.7930, 40.4665
Hunter-Lab	80.7960, 4.1227, 37.2809

Details

The XYZ color **65.8660, 65.2799, 26.2683** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **39.8954, 39.8194, 100.1907**, and the grayscale version is **60.7694, 63.9342, 69.6243**.

A 20% lighter version of the original color is **84.4464, 95.7586, 53.0622**, and **34.2662, 33.5022, 9.9707** is the 20% darker color. If you saturate the color by 10%, you get **62.3365, 60.3270, 18.5996**, and if you desaturate by 10%, it is **69.9509, 70.6883, 36.1440**.

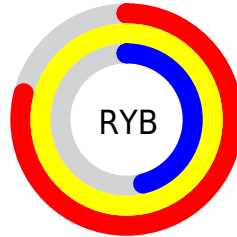
Distribution



Red (100%)

Green (80%)

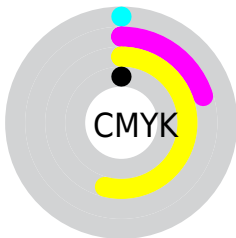
Blue (46%)



Red (79%)

Yellow (100%)

Blue (46%)

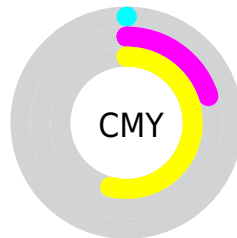


Cyan (0%)

Magenta (20%)

Yellow (54%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.8660, 65.2799, 26.2683 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 65.8660, 65.2799, 26.2683 by changing the saturation by 10% instead.


 65.8660, 65.2799,
26.2683


 65.8660, 65.2799,
26.2683


435.3937,
443.7971, 297.7439


 48.4309, 47.6881,
16.7969


 112.3528,
112.4522, 54.6969

 34.3809, 33.5799,
9.9294


 142.1352,
142.8014, 74.4911

 23.3507, 22.5711,
5.2472


 176.7641,
178.1719, 98.5633

 14.9748, 14.2771,
2.3317

216.6049,
218.9481, 127.3322

 8.8879, 8.3137,
0.7489

262.0229,
265.5143, 161.2161

 4.7247, 4.2963,
0.0000

313.3835,

 2.1197, 1.8407,

318.2549, 200.6337

0.0000

371.0519,
377.5544, 246.0035

■ 0.6999, 0.5123,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.8660, 65.2799,
26.2683

■ 65.8660, 65.2799,
26.2683

■ 62.3365, 60.3270,
18.5996

■ 69.9509, 70.6883,
36.1440

■ 59.3212, 55.8015,
12.9548

■ 74.6191, 76.5597,
48.3819

■ 56.7799, 51.6855,
9.1278

■ 79.9018, 82.9132,
63.1278

■ 54.6619, 47.9543,
6.8654

■ 85.8266, 89.7636,
80.5143

■ 53.5047, 45.7897,
6.0183

■ 92.4189, 97.1248,
100.6648

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.



76.8423, 65.2799, 33.8079



65.8660, 65.2799, 26.2683



55.0567, 65.2799, 27.6868

Triad

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



65.8660, 65.2799, 26.2683



44.0552, 65.2799, 93.9992



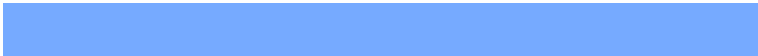
79.8581, 65.2799, 118.1949

Complementary

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



65.8660, 65.2799, 26.2683



39.8954, 39.8194, 100.1907

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.



69.6044, 65.2799, 145.4877



65.8660, 65.2799, 26.2683



49.2836, 65.2799, 128.8791

Square

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



65.8660, 65.2799, 26.2683



43.3074, 65.2799, 60.8873



58.3778, 65.2799, 149.8942



85.5352, 65.2799, 82.3483

Rectangle

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



65.8660, 65.2799, 26.2683



49.3307, 65.2799, 33.7275



58.3778, 65.2799, 149.8942



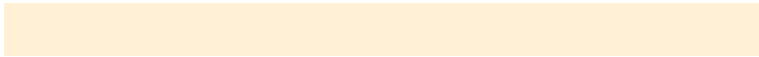
76.7789, 65.2799, 129.0757

Sweetspot

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



65.8676, 65.2830, 26.2696



84.4209, 88.1606, 76.3196



55.0234, 37.1393, 42.5562



17.8036, 18.5644, 15.5494



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.



65.8676, 65.2830, 26.2696



62.2468, 60.1968, 18.4178



74.6323, 91.1815, 30.8066



18.9482, 19.8646, 18.9799



28.1061, 24.2234, 3.1942



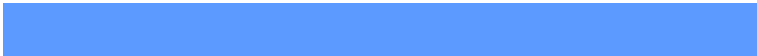
2.8420, 2.5694, 0.3462

Inverse Universe

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



39.8954, 39.8194, 100.1907



33.9560, 32.5096, 99.0931



34.3579, 25.2446, 97.6693



17.5680, 18.5075, 22.8963



11.7867, 8.4831, 50.4508



1.2490, 1.0286, 4.9460

Previews

White Background



This preview shows how the XYZ color 65.8660, 65.2799, 26.2683 looks on a white background.

Color Contrast Check

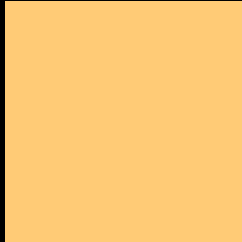
Large Text (above 18pt) WCAG AA × Fail

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 65.8660, 65.2799, 26.2683 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 65.8660, 65.2799, 26.2683

Background



This preview shows how black text looks on a background with the XYZ color 65.8660, 65.2799, 26.2683.



This preview shows how white text looks on a background with the XYZ color 65.8660, 65.2799,

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

65.8660, 65.2799, 26.2683

Protanopia

60.2734, 65.6232, 27.5790

Deuteranopia

66.2568, 65.0596, 29.4877



Tritanopia

72.3651, 65.2939, 68.4634

Trichromacy



Original Color

65.8660, 65.2799, 26.2683

Protanomaly

62.1258, 65.4823, 27.1343

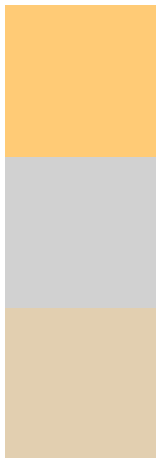
Deuteranomaly

65.9986, 64.9563, 28.1281

Tritanomaly

69.4013, 65.2020, 49.4848

Monochromacy



Original Color

65.8660, 65.2799, 26.2683

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.5133, 63.9290, 50.1717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8660, 65.2799, 26.2683 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, 203, 118)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 118)  
}
```

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, 203, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 118) }
```

Border

The CSS property to change the border of an element to XYZ 65.8660, 65.2799, 26.2683 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, 203, 118) }
```


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

```
.border{ border-color:rgb(255, 203, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 203, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 118);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8660, 65.2799, 26.2683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 118) }
```

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

```
.background{ background-color: rgb(255,  
203, 118) }
```

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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