

Converting Colors

XYZ(65.5825, 64.6717, 26.3013)

Have a look what the booklet for
XYZ(65.5825, 64.6717, 26.3013)
contains.

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Color

**XYZ(65.6305, 64.8091,
26.1898)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCA76
RGB	255, 202, 118
RGB Percent	100%, 79%, 46%
CMY	0.0000, 0.2078, 0.5372
CMYK	0.00, 0.21, 0.54, 0.00
HSL	37°, 100%, 73%
HSV	37°, 54%, 100%
XYZ	65.6305, 64.8091, 26.1898
YIQ	208.2710, 58.5520, -14.8880

Conversions

Conversions Part 2

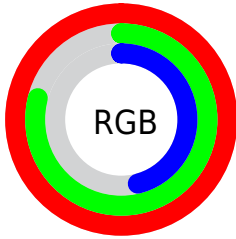
Format	Color
RYB	204, 255, 118
Decimal	16763510
CIELab	84.39, 9.24, 48.70
CIELCh	84, 49.566, 79.255
Yxy	64.8091, 0.4190, 0.4138
Android (android.graphics.Color)	4294953590 (0xFFFFCA76)
YUV	208.2710, -44.5036, 40.9813
Hunter-Lab	80.5041, 4.6389, 37.0645

Details

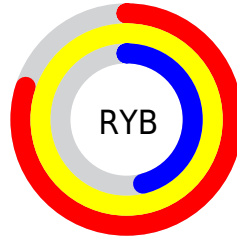
The XYZ color **65.6305, 64.8091, 26.1898** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **40.0833, 40.1955, 100.2531**, and the grayscale version is **60.3848, 63.5295, 69.1836**.

A 20% lighter version of the original color is **84.4464, 95.7586, 53.0622**, and **34.1087, 33.1872, 9.9182** is the 20% darker color. If you saturate the color by 10%, you get **62.0746, 59.8036, 18.5123**, and if you desaturate by 10%, it is **69.7470, 70.2806, 36.0760**.

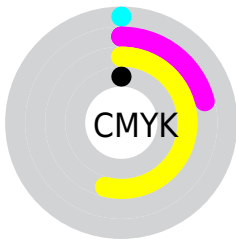
Distribution



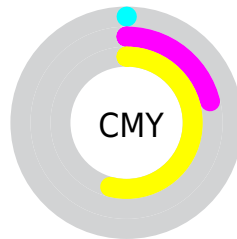
- Red (100%)
- Green (79%)
- Blue (46%)



- Red (80%)
- Yellow (100%)
- Blue (46%)



- Cyan (0%)
- Magenta (21%)
- Yellow (54%)
- Black (0%)




- Cyan (0%)
- Magenta (21%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.6305, 64.8091, 26.1898 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 65.6305, 64.8091, 26.1898 by changing the saturation by 10% instead.


 65.6305, 64.8091,
26.1898


 65.6305, 64.8091,
26.1898


434.5638,
442.1056, 297.3476


 48.2391, 47.3063,
16.7386


 112.0165,
111.7754, 54.5688

 34.2283, 33.2779,
9.8883


 141.7418,
142.0076, 74.3338

 23.2328, 22.3394,
5.2204


 176.3092,
177.2518, 98.3737

 14.8871, 14.1065,
2.3161

216.0839,
217.8923, 127.1072

 8.8260, 8.1948,
0.7402

261.4314,
264.3136, 160.9528

 4.6841, 4.2198,
0.0000

312.7169,

 2.0959, 1.7973,

316.8999, 200.3291

0.0000

370.3059,
376.0358, 245.6545

■ 0.6870, 0.4855,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.6305, 64.8091,
26.1898

■ 65.6305, 64.8091,
26.1898

■ 62.0746, 59.8036,
18.5123

■ 69.7470, 70.2806,
36.0760

■ 59.0382, 55.2356,
12.8605

■ 74.4522, 76.2261,
48.3262

■ 56.4806, 51.0870,
9.0280

■ 79.7775, 82.6647,
63.0863

■ 54.3511, 47.3328,
6.7618

■ 85.7505, 89.6117,
80.4888

■ 53.1890, 45.1584,
5.9131

■ 92.3969, 97.0811,
100.6572

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



76.4745, 64.8091, 33.8792



65.6305, 64.8091, 26.1898



54.8784, 64.8091, 27.4109

Triad

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



65.6305, 64.8091, 26.1898



43.6978, 64.8091, 92.5071



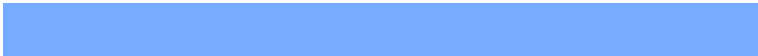
79.0694, 64.8091, 117.9930

Complementary

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



65.6305, 64.8091, 26.1898



40.0833, 40.1955, 100.2531

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.



68.8472, 64.8091, 144.6689



65.6305, 64.8091, 26.1898



48.7897, 64.8091, 127.1847

Square

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



65.6305, 64.8091, 26.1898



43.0542, 64.8091, 59.8563



57.7363, 64.8091, 148.4597



84.8253, 64.8091, 82.4828

Rectangle

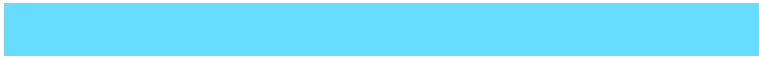
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.6305, 64.8091, 26.1898



49.1514, 64.8091, 33.2620



57.7363, 64.8091, 148.4597



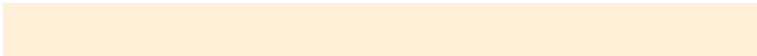
75.9888, 64.8091, 128.6904

Sweetspot

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



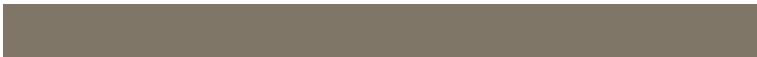
65.6321, 64.8122, 26.1911



84.3335, 87.9860, 76.2905



55.2421, 37.2267, 43.7082



17.7828, 18.5227, 15.5424



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.



65.6321, 64.8122, 26.1911



61.9845, 59.6722, 18.3304



75.4079, 91.5812, 30.8428



18.9367, 19.8416, 18.9761



27.9418, 23.8948, 3.1395



2.8266, 2.5386, 0.3410

Inverse Universe

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



40.0833, 40.1955, 100.2531



34.1531, 32.9038, 99.1588



33.9978, 25.0589, 97.6522



17.5791, 18.5298, 22.9000



11.8788, 8.6673, 50.4815



1.2587, 1.0481, 4.9492

Previews

White Background



This preview shows how the XYZ color 65.6305, 64.8091, 26.1898 looks on a white background.

Color Contrast Check

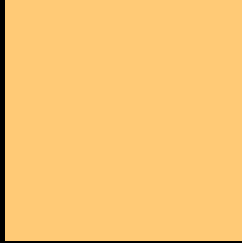
Large Text (above 18pt) WCAG AA × Fail

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 65.6305, 64.8091, 26.1898 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 65.6305, 64.8091, 26.1898

Background



This preview shows how black text looks on a background with the XYZ color 65.6305, 64.8091, 26.1898.



This preview shows how white text looks on a background with the XYZ color 65.6305, 64.8091,

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

65.6305, 64.8091, 26.1898

Protanopia

59.7005, 64.9579, 27.4807

Deuteranopia

66.0622, 64.9817, 28.4629



Tritanopia

72.0176, 64.7952, 67.7425

Trichromacy



Original Color

65.6305, 64.8091, 26.1898

Protanomaly

61.8812, 64.9931, 27.0527

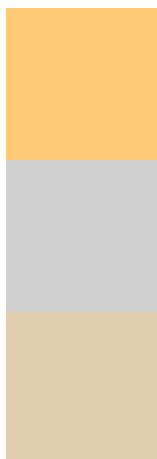
Deuteranomaly

65.8734, 64.9062, 27.4686

Tritanomaly

69.1719, 64.7433, 49.4084

Monochromacy



Original Color

65.6305, 64.8091, 26.1898

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.8605, 63.2453, 49.5573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6305, 64.8091, 26.1898 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, 202, 118)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 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, 202, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 118) }
```

Border

The CSS property to change the border of an element to XYZ 65.6305, 64.8091, 26.1898 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, 202, 118) }
```


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

```
.border{ border-color:rgb(255, 202, 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, 202, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 118);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6305, 64.8091, 26.1898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 118) }
```

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

```
.background{ background-color: rgb(255,  
202, 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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