

Converting Colors

XYZ(65.9146, 64.1200, 30.1602)

Have a look what the booklet for
XYZ(65.9146, 64.1200, 30.1602)
contains.

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Color

**XYZ(65.9235, 64.1803,
30.0326)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC882
RGB	255, 200, 130
RGB Percent	100%, 78%, 51%
CMY	0.0000, 0.2157, 0.4902
CMYK	0.00, 0.22, 0.49, 0.00
HSL	34°, 100%, 75%
HSV	34°, 49%, 100%
XYZ	65.9235, 64.1803, 30.0326
YIQ	208.4650, 55.2500, -10.1100

Conversions

Conversions Part 2

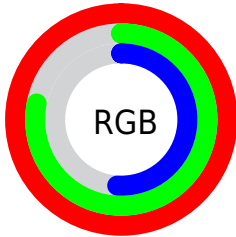
Format	Color
R _Y B	228, 255, 130
Decimal	16763010
CIE Lab	84.06, 11.30, 42.33
CIE LCh	84, 43.810, 75.051
Yxy	64.1803, 0.4117, 0.4008
Android (android.graphics.Color)	4294953090 (0xFFFFC882)
YUV	208.4650, -38.6832, 40.8112
Hunter-Lab	80.1126, 6.6880, 33.8522

Details

The XYZ color **65.9235, 64.1803, 30.0326** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.6040, 46.6617, 101.2630**, and the grayscale version is **60.4759, 63.6254, 69.2880**.

A 20% lighter version of the original color is **85.6517, 96.2407, 59.4094**, and **34.4551, 32.8580, 11.9234** is the 20% darker color. If you saturate the color by 10%, you get **61.9161, 58.5737, 21.2734**, and if you desaturate by 10%, it is **70.5488, 70.3440, 41.0913**.

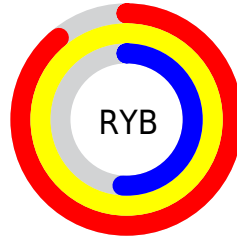
Distribution



Red (100%)

Green (78%)

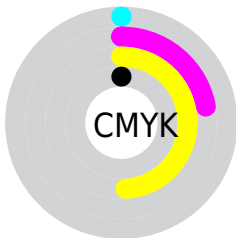
Blue (51%)



Red (89%)

Yellow (100%)

Blue (51%)

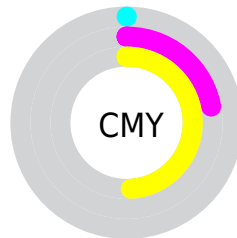


Cyan (0%)

Magenta (22%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.9235, 64.1803, 30.0326 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 65.9235, 64.1803, 30.0326 by changing the saturation by 10% instead.


 65.9235, 64.1803,
30.0326


 65.9235, 64.1803,
30.0326


435.5962,
439.8404, 316.2684


 48.4778, 46.7967,
19.6111


 112.4349,
110.8706, 60.7753

 34.4182, 32.8750,
11.9314


 142.2312,
140.9460, 81.9336

 23.3795, 22.0307,
6.5750


 176.8752,
176.0209, 107.5079

 14.9962, 13.8795,
3.1234

216.7321,
216.4796, 137.9168

 8.9030, 8.0369,
1.1580

262.1673,
262.7065, 173.5787

 4.7346, 4.1186,
0.0000

313.5461,

 2.1255, 1.7401,

315.0860, 214.9123

0.0000

371.2340,
374.0025, 262.3360

■ 0.7030, 0.4494,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.9235, 64.1803,
30.0326

■ 65.9235, 64.1803,
30.0326

■ 61.9161, 58.5737,
21.2734

■ 70.5488, 70.3440,
41.0913

■ 58.4860, 53.4941,
14.6404

■ 75.8199, 77.0750,
54.5980

■ 55.5941, 48.9217,
9.9418

■ 81.7684, 84.3945,
70.6929

■ 53.1927, 44.8304,
6.9483

■ 88.4222, 92.3194,
89.5045

■ 51.2136, 41.1856,
5.3222

95.0498, 99.9999,
108.9000

■ 51.0341, 40.8485,
5.1948

Harmonies

Analogous

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



75.0995, 64.1803, 38.5687



65.9235, 64.1803, 30.0326



56.3004, 64.1803, 30.0466

Triad

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



65.9235, 64.1803, 30.0326



44.7531, 64.1803, 84.6382



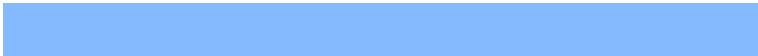
75.1264, 64.1803, 114.6448

Complementary

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



65.9235, 64.1803, 30.0326



44.6040, 46.6617, 101.2630

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.



65.9572, 64.1803, 134.9326



65.9235, 64.1803, 30.0326



48.7884, 64.1803, 114.7381

Square

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



65.9235, 64.1803, 30.0326



44.7461, 64.1803, 57.0281



56.3307, 64.1803, 134.9707



80.7820, 64.1803, 84.5341

Rectangle

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



65.9235, 64.1803, 30.0326



50.9361, 64.1803, 34.7308



56.3307, 64.1803, 134.9707



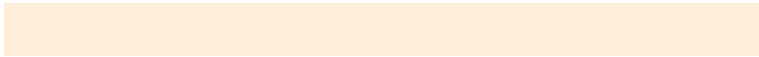
72.3124, 64.1803, 123.1533

Sweetspot

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



65.9251, 64.1834, 30.0339



84.3565, 87.5060, 77.9196



58.1123, 40.7816, 51.4032



17.7621, 18.3779, 15.8548



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.



65.9251, 64.1834, 30.0339



61.9234, 58.5840, 21.2878



78.7669, 93.2251, 34.9627



18.8533, 19.6748, 18.9483



26.8179, 21.6470, 2.7648



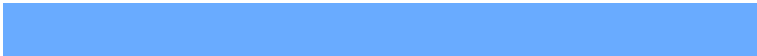
2.7201, 2.3255, 0.3055

Inverse Universe

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



44.6040, 46.6617, 101.2630



38.3369, 39.2240, 100.1582



36.2272, 28.4412, 98.1876



17.6606, 18.6928, 22.9272



12.6128, 10.1351, 50.7261



1.3347, 1.2001, 4.9746

Previews

White Background



This preview shows how the XYZ color 65.9235, 64.1803, 30.0326 looks on a white background.

Color Contrast Check

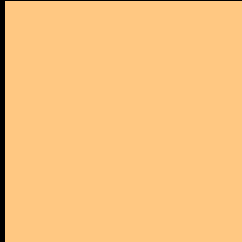
Large Text (above 18pt) WCAG AA × Fail

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 65.9235, 64.1803, 30.0326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

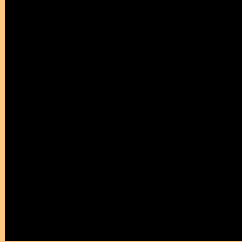
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.9235, 64.1803, 30.0326

Background



This preview shows how black text looks on a background with the XYZ color 65.9235, 64.1803, 30.0326.



This preview shows how white text looks on a background with the XYZ color 65.9235, 64.1803,

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

65.9235, 64.1803, 30.0326

Protanopia

59.6628, 64.4724, 31.8541

Deuteranopia

65.5566, 63.9911, 30.0154



Tritanopia

71.6724, 64.2998, 67.0261

Trichromacy



Original Color

65.9235, 64.1803, 30.0326

Protanomaly

61.5648, 64.0132, 31.3013

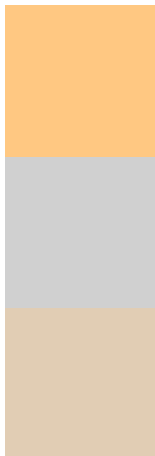
Deuteranomaly

65.5566, 63.9911, 30.0154

Tritanomaly

69.0158, 63.9542, 50.8263

Monochromacy



Original Color

65.9235, 64.1803, 30.0326

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.1209, 62.9655, 52.1122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9235, 64.1803, 30.0326 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, 200, 130)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 130)  
}
```

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, 200, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 130) }
```

Border

The CSS property to change the border of an element to XYZ 65.9235, 64.1803, 30.0326 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, 200, 130) }
```


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

```
.border{ border-color:rgb(255, 200, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 130);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9235, 64.1803, 30.0326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 130) }
```

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

```
.background{ background-color: rgb(255,  
200, 130) }
```

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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