

Converting Colors

XYZ(64.2805, 64.6231, 31.1192)

Have a look what the booklet for
XYZ(64.2805, 64.6231, 31.1192)
contains.

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Color

**XYZ(64.5379, 64.8356,
31.3033)**

Conversions

Conversions Part 1

Format	Color
Hex	F8CC85
RGB	248, 204, 133
RGB Percent	97%, 80%, 52%
CMY	0.0275, 0.2000, 0.4784
CMYK	0.00, 0.18, 0.46, 0.03
HSL	37°, 89%, 75%
HSV	37°, 46%, 97%
XYZ	64.5379, 64.8356, 31.3033
YIQ	209.0620, 49.0150, -12.7530

Conversions

Conversions Part 2

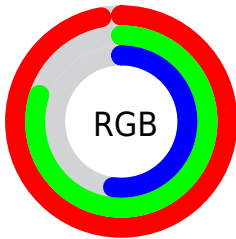
Format	Color
R_{YB}	204, 248, 133
Decimal	16305285
CIE _{Lab}	84.40, 6.72, 41.10
CIE _{LCh}	84, 41.647, 80.721
Yxy	64.8356, 0.4017, 0.4035
Android (android.graphics.Color)	4294495365 (0xFFF8CC85)
YUV	209.0620, -37.4986, 34.1486
Hunter-Lab	80.5206, 2.1583, 33.3147

Details

The XYZ color **64.5379, 64.8356, 31.3033** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.3377, 43.2066, 94.9150**, and the grayscale version is **60.8608, 64.0303, 69.7290**.

A 20% lighter version of the original color is **85.9696, 96.3679, 61.0835**, and **33.4156, 33.2407, 12.6375** is the 20% darker color. If you saturate the color by 10%, you get **60.8363, 59.8584, 22.5912**, and if you desaturate by 10%, it is **68.7845, 70.2555, 42.1939**.

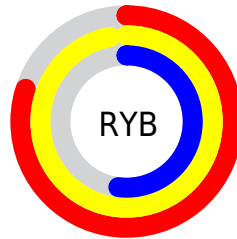
Distribution



Red (97%)

Green (80%)

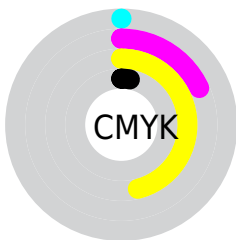
Blue (52%)



Red (80%)

Yellow (97%)

Blue (52%)

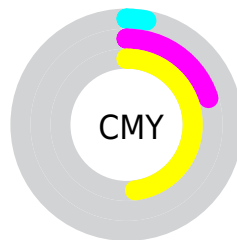


Cyan (0%)

Magenta (18%)

Yellow (46%)

Black (3%)



Cyan (3%)

Magenta (20%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.5379, 64.8356, 31.3033 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 64.5379, 64.8356, 31.3033 by changing the saturation by 10% instead.

64.5379, 64.8356,
31.3033

64.5379, 64.8356,
31.3033

430.7010,
442.2010, 322.3276

47.3498, 47.3278,
20.5695

110.4547,
111.8135, 62.8024

33.5214, 33.2949,
12.6215

139.9140,
142.0523, 84.4049

22.6873, 22.3524,
7.0408

174.1945,
177.3036, 110.4673

14.4822, 14.1161,
3.4088

213.6614,
217.9518, 141.4082

8.5407, 8.2014,
1.3070

258.6802,
264.3812, 177.6461

4.4975, 4.2241,
0.0675

309.6161,

1.9873, 1.7997,

316.9763, 219.5996

0.0000

366.8346,
376.1214, 267.6873

■ 0.6268, 0.4870,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.5379, 64.8356,
31.3033

■ 64.5379, 64.8356,
31.3033

■ 60.8363, 59.8584,
22.5912

■ 68.7845, 70.2555,
42.1939

■ 57.6438, 55.2982,
15.9007

■ 73.5999, 76.1241,
55.3972

■ 54.9265, 51.1402,
11.0599

■ 79.0118, 82.4586,
71.0413

■ 52.6437, 47.3637,
7.8659

■ 85.0447, 89.2723,
89.2435

■ 50.7448, 43.9445,
6.0661

■ 91.3973, 96.4483,
108.4070

■ 50.1230, 42.7798,
5.6156

■ 92.5213, 98.6964,
108.7817

Harmonies

Analogous

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



73.5884, 64.8356, 38.0427



64.5379, 64.8356, 31.3033



55.5413, 64.8356, 32.8571

Triad

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



64.5379, 64.8356, 31.3033



46.4365, 64.8356, 90.2011



76.4476, 64.8356, 108.0169

Complementary

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



64.5379, 64.8356, 31.3033



42.3377, 43.2066, 94.9150

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.



68.1359, 64.8356, 129.7816



64.5379, 64.8356, 31.3033



51.0328, 64.8356, 117.8379

Square

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



64.5379, 64.8356, 31.3033



45.6804, 64.8356, 62.6934



58.7997, 64.8356, 133.7672



80.9035, 64.8356, 79.1340

Rectangle

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



64.5379, 64.8356, 31.3033



50.7310, 64.8356, 38.5909



58.7997, 64.8356, 133.7672



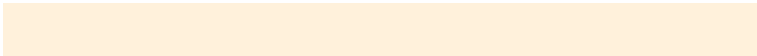
73.9749, 64.8356, 116.6824

Sweetspot

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



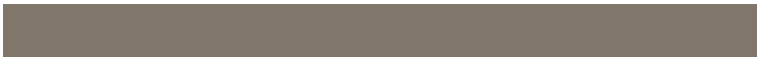
64.5395, 64.8387, 31.3046



85.6225, 89.5039, 79.9883



55.0434, 39.9098, 46.4414



18.0411, 18.8307, 16.2718



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.



64.5395, 64.8387, 31.3046



64.9160, 63.9147, 24.3030



71.9247, 86.4195, 35.0809



18.1371, 19.0101, 18.1758



27.2164, 23.3894, 3.0801



2.6231, 2.3711, 0.3194

Inverse Universe

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



42.3377, 43.2066, 94.9150



38.5451, 38.2529, 99.9597



37.2597, 29.7024, 92.5761



16.8273, 17.7315, 21.9209



11.4824, 8.3203, 48.9743



1.1624, 0.9684, 4.5688

Previews

White Background



This preview shows how the XYZ color 64.5379, 64.8356, 31.3033 looks on a white background.

Color Contrast Check

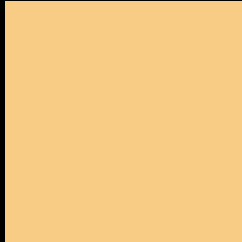
Large Text (above 18pt) WCAG AA × Fail

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 64.5379, 64.8356, 31.3033 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 64.5379, 64.8356, 31.3033

Background



This preview shows how black text looks on a background with the XYZ color 64.5379, 64.8356, 31.3033.



This preview shows how white text looks on a background with the XYZ color 64.5379, 64.8356,

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

64.5379, 64.8356, 31.3033

Protanopia

60.0513, 65.0241, 32.6784

Deuteranopia

66.0628, 64.5653, 31.5347



Tritanopia

72.3880, 64.9434, 69.6928

Trichromacy



Original Color

64.5379, 64.8356, 31.3033

Protanomaly

61.5211, 64.6939, 32.1663

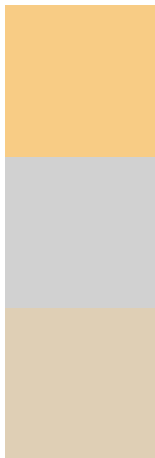
Deuteranomaly

65.5685, 64.6577, 31.5786

Tritanomaly

68.7825, 64.4610, 53.0730

Monochromacy



Original Color

64.5379, 64.8356, 31.3033

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.0847, 63.6498, 52.7822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5379, 64.8356, 31.3033 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(248, 204, 133)` looks like.

```
.text, #text, p{  
    color:rgb(248, 204, 133)  
}
```

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(248, 204, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 204, 133) }
```

Border

The CSS property to change the border of an element to XYZ 64.5379, 64.8356, 31.3033 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(248, 204, 133) }
```


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

```
.border{ border-color:rgb(248, 204, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 204, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 204, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 204, 133); box-shadow:4px 4px 4px 4px rgb(248, 204, 133) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5379, 64.8356, 31.3033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 204, 133) }
```

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

```
.background{ background-color: rgb(248,  
204, 133) }
```

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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