

Converting Colors

XYZ(63.3356, 66.0070, 19.0496)

Have a look what the booklet for
XYZ(63.3356, 66.0070, 19.0496)
contains.

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Color

**XYZ(63.1127, 65.8064,
19.0484)**

Conversions

Conversions Part 1

Format	Color
Hex	F8D05A
RGB	248, 208, 90
RGB Percent	97%, 82%, 35%
CMY	0.0275, 0.1843, 0.6470
CMYK	0.00, 0.16, 0.64, 0.03
HSL	45°, 92%, 66%
HSV	45°, 64%, 97%
XYZ	63.1127, 65.8064, 19.0484
YIQ	206.5080, 61.7180, -28.2180

Conversions

Conversions Part 2

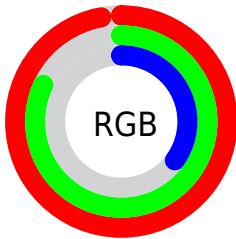
Format	Color
RYB	144, 248, 90
Decimal	16306266
CIELab	84.90, 1.31, 62.10
CIElCh	85, 62.118, 88.794
Yxy	65.8064, 0.4265, 0.4447
Android (android.graphics.Color)	4294496346 (0xFFFF8D05A)
YUV	206.5080, -57.4384, 36.3885
Hunter-Lab	81.1211, -3.0880, 42.8627

Details

The XYZ color **63.1127, 65.8064, 19.0484** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **29.1421, 24.9153, 92.0795**, and the grayscale version is **59.3230, 62.4124, 67.9671**.

A 20% lighter version of the original color is **82.0340, 94.7936, 40.3589**, and **32.5834, 33.9181, 6.3429** is the 20% darker color. If you saturate the color by 10%, you get **60.7282, 62.4544, 13.8862**, and if you desaturate by 10%, it is **65.9129, 69.4267, 26.0872**.

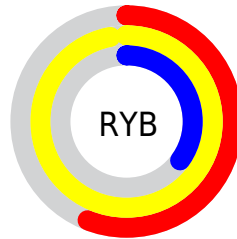
Distribution



Red (97%)

Green (82%)

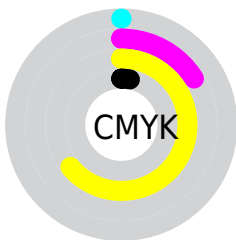
Blue (35%)



Red (56%)

Yellow (97%)

Blue (35%)

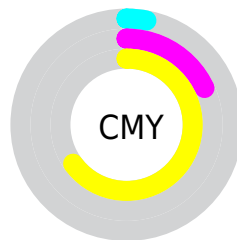


Cyan (0%)

Magenta (16%)

Yellow (64%)

Black (3%)



Cyan (3%)

Magenta (18%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.1127, 65.8064, 19.0484 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 63.1127, 65.8064, 19.0484 by changing the saturation by 10% instead.

63.1127, 65.8064,
19.0484

63.1127, 65.8064,
19.0484

425.6316,
445.6842, 259.1475

46.1914, 48.1153,
11.5281

108.4130,
113.2084, 42.6537

32.6021, 33.9182,
6.3046

137.5227,
143.6881, 59.5757

21.9796, 22.8307,
2.9594

171.4258,
179.1994, 80.4687

13.9584, 14.4686,
1.0739

210.4879,
220.1267, 105.7512

8.1733, 8.4473,
0.0000

255.0741,
266.8545, 135.8418

4.2588, 4.3825,
0.0000

305.5499,

1.8495, 1.8897,

319.7670, 171.1590

0.0000

362.2806,
379.2488, 212.1214

■ 0.5472, 0.5422,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.1127, 65.8064,
19.0484

■ 63.1127, 65.8064,
19.0484

■ 60.7282, 62.4544,
13.8862

■ 65.9129, 69.4267,
26.0872

■ 58.7175, 59.3452,
10.4037

■ 69.1564, 73.3198,
35.1651

■ 57.0368, 56.4628,
8.3671

■ 72.8735, 77.5014,
46.4317

■ 56.1071, 54.7483,
7.6103

■ 77.0904, 81.9831,
60.0211

81.8311, 86.7755,
76.0569

87.1179, 91.8885,
94.6536

91.5555, 96.7650,
108.4598

92.5211, 98.6963,
108.7817

Harmonies

Analogous

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



77.4860, 65.8064, 24.0107



63.1127, 65.8064, 19.0484



50.5056, 65.8064, 23.2398

Triad

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



63.1127, 65.8064, 19.0484



41.8769, 65.8064, 115.3462



88.3849, 65.8064, 119.2318

Complementary

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



63.1127, 65.8064, 19.0484



29.1421, 24.9153, 92.0795

Split Complementary

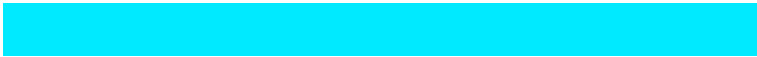
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.3647, 65.8064, 162.1632



63.1127, 65.8064, 19.0484



49.6632, 65.8064, 159.3948

Square

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



63.1127, 65.8064, 19.0484



39.3960, 65.8064, 70.0489



61.9847, 65.8064, 179.0478



93.3508, 65.8064, 73.2794

Rectangle

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



63.1127, 65.8064, 19.0484



44.4724, 65.8064, 32.0492



61.9847, 65.8064, 179.0478



84.9552, 65.8064, 135.0436

Sweetspot

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



63.1142, 65.8096, 19.0497



84.4192, 89.6864, 71.6053



46.5417, 28.9389, 25.0113



17.7657, 18.8872, 14.3079



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.



63.1142, 65.8096, 19.0497



64.1456, 65.7150, 13.7466



62.3150, 81.7412, 22.1669



18.3336, 19.4031, 18.2413



30.4273, 29.8112, 4.1504



2.9025, 2.9298, 0.4125

Inverse Universe

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



29.1421, 24.9153, 92.0795



25.5903, 19.4255, 97.0085



29.3326, 18.5922, 90.8489



16.6400, 17.3569, 21.8585



10.2001, 5.7558, 48.5469



1.0255, 0.6948, 4.5232

Previews

White Background



This preview shows how the XYZ color 63.1127, 65.8064, 19.0484 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 63.1127, 65.8064, 19.0484 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 63.1127, 65.8064, 19.0484

Background



This preview shows how black text looks on a background with the XYZ color 63.1127, 65.8064, 19.0484.



This preview shows how white text looks on a background with the XYZ color 63.1127, 65.8064,

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

63.1127, 65.8064, 19.0484

Protanopia

60.0239, 65.6752, 19.4105

Deuteranopia

66.4710, 65.9010, 28.2855



Tritanopia

72.9641, 65.8957, 70.5015

Trichromacy



Original Color

63.1127, 65.8064, 19.0484

Protanomaly

61.1178, 65.8691, 19.3903

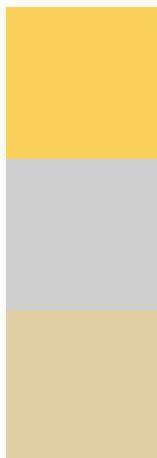
Deuteranomaly

64.9008, 65.5279, 24.5567

Tritanomaly

68.0066, 65.2588, 45.5711

Monochromacy



Original Color

63.1127, 65.8064, 19.0484

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.1379, 62.8356, 44.1335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1127, 65.8064, 19.0484 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, 208, 90)` looks like.

```
.text, #text, p{  
    color:rgb(248, 208, 90)  
}
```

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, 208, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 208, 90) }
```

Border

The CSS property to change the border of an element to XYZ 63.1127, 65.8064, 19.0484 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, 208, 90) }
```


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

```
.border{ border-color:rgb(248, 208, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 208, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 208, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 208, 90);  
box-shadow:4px 4px 4px 4px rgb(248, 208,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1127, 65.8064, 19.0484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 208, 90) }
```

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

```
.background{ background-color: rgb(248,  
208, 90) }
```

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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