

# Converting Colors

XYZ(61.7202, 64.5667, 19.2894)

Have a look what the booklet for  
XYZ(61.7202, 64.5667, 19.2894)  
contains.

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# Color

**XYZ(61.9008, 64.8108,  
19.3724)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5CF5C
RGB	245, 207, 92
RGB Percent	96%, 81%, 36%
CMY	0.0392, 0.1882, 0.6392
CMYK	0.00, 0.16, 0.62, 0.04
HSL	45°, 88%, 66%
HSV	45°, 62%, 96%
XYZ	61.9008, 64.8108, 19.3724
YIQ	205.2520, 59.5630, -27.7090

# Conversions

## Conversions Part 2

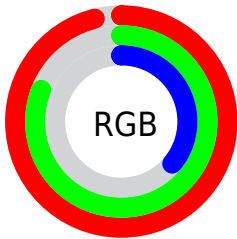
Format	Color
R <sub>Y</sub> B	143, 245, 92
Decimal	16109404
CIE Lab	84.39, 0.70, 60.59
CIE LCh	84, 60.596, 89.337
Yxy	64.8108, 0.4237, 0.4437
Android (android.graphics.Color)	4294299484 (0xFFFF5CF5C)
YUV	205.2520, -55.8332, 34.8590
Hunter-Lab	80.5052, -3.6345, 42.0863

# Details

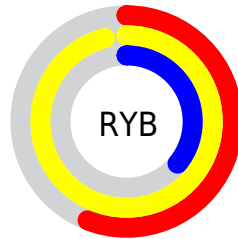
The XYZ color **61.9008, 64.8108, 19.3724** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **28.8775, 24.8323, 89.6570**, and the grayscale version is **58.5082, 61.5552, 67.0336**.

A 20% lighter version of the original color is **82.1883, 94.8553, 41.1713**, and **31.7327, 33.2303, 6.4919** is the 20% darker color. If you saturate the color by 10%, you get **59.5529, 61.5608, 14.1334**, and if you desaturate by 10%, it is **64.6548, 68.3191, 26.4561**.

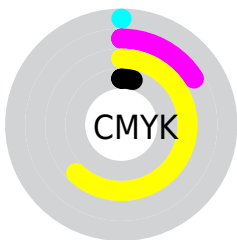
# Distribution



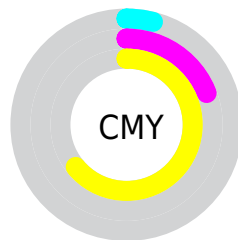
- Red (96%)
- Green (81%)
- Blue (36%)



- Red (56%)
- Yellow (96%)
- Blue (36%)



- Cyan (0%)
- Magenta (16%)
- Yellow (62%)
- Black (4%)




- Cyan (4%)
- Magenta (19%)
- Yellow (64%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9008, 64.8108, 19.3724 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 61.9008, 64.8108, 19.3724 by changing the saturation by 10% instead.




 61.9008, 64.8108,  
19.3724

 61.9008, 64.8108,  
19.3724


421.2925,  
442.1118, 260.9879

 45.2078, 47.3077,  
11.7601


 106.6729,  
111.7778, 43.2075


 31.8231, 33.2790,  
6.4600


 135.4827,  
142.0105, 60.2674

 21.3813, 22.3402,  
3.0535


 169.0623,  
177.2551, 81.3136

 13.5171, 14.1071,  
1.1220

 207.7768,  
217.8961, 106.7646

 7.8650, 8.1952,  
0.0000

251.9918,  
264.3179, 137.0390

 4.0598, 4.2201,  
0.0000

302.0725,

 1.7360, 1.7974,

316.9048, 172.5553

0.0000

358.3842,  
376.0413, 213.7321

■ 0.4786, 0.4856,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 61.9008, 64.8108,  
19.3724

■ 61.9008, 64.8108,  
19.3724

■ 59.5529, 61.5608,  
14.1334

■ 64.6548, 68.3191,  
26.4561

■ 57.5711, 58.5447,  
10.5517

■ 67.8410, 72.0897,  
35.5396

■ 55.9142, 55.7473,  
8.4074

■ 71.4886, 76.1376,  
46.7661

■ 54.8297, 53.7597,  
7.4868

■ 75.6225, 80.4739,  
60.2643

80.2658, 85.1088,  
76.1529

85.4400, 90.0517,  
94.5422

89.7658, 94.7518,  
108.1655

91.4660, 98.1524,  
108.7323

# Harmonies

## Analogous

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



75.7644, 64.8108, 24.0854



61.9008, 64.8108, 19.3724



49.7711, 64.8108, 23.6687

# Triad

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



61.9008, 64.8108, 19.3724



41.6818, 64.8108, 113.4668



86.6516, 64.8108, 115.5187

# Complementary

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



61.9008, 64.8108, 19.3724



28.8775, 24.8323, 89.6570

# 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.



75.1703, 64.8108, 156.9079



61.9008, 64.8108, 19.3724



49.3223, 64.8108, 155.4508

# Square

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



61.9008, 64.8108, 19.3724



39.1770, 64.8108, 69.7134



61.3016, 64.8108, 173.6552



91.2720, 64.8108, 71.4294



# Rectangle

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



61.9008, 64.8108, 19.3724



43.9809, 64.8108, 32.4515



61.3016, 64.8108, 173.6552



83.3914, 64.8108, 130.7205

# Sweetspot

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



61.9023, 64.8139, 19.3737



84.4887, 89.8254, 71.6284



45.5297, 28.6857, 24.3452



17.7826, 18.9211, 14.3135



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.



61.9023, 64.8139, 19.3737



64.5943, 66.4992, 14.2444



60.2466, 79.3068, 22.2584



17.5458, 18.5757, 17.4583



29.6531, 29.1918, 4.0717



2.6868, 2.7269, 0.3847



# Inverse Universe

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



28.8775, 24.8323, 89.6570



25.8591, 19.7235, 97.0518



29.5535, 19.0132, 88.4981



15.9154, 16.5952, 20.9069



9.8647, 5.5233, 47.0842



0.9451, 0.6416, 4.1643



# Previews

## White Background



This preview shows how the XYZ color 61.9008, 64.8108, 19.3724 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 61.9008, 64.8108, 19.3724 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 61.9008, 64.8108, 19.3724

## Background



This preview shows how black text looks on a background with the XYZ color 61.9008, 64.8108, 19.3724.



This preview shows how white text looks on a background with the XYZ color 61.9008, 64.8108,



# 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

61.9008, 64.8108, 19.3724

### Protanopia

59.2017, 64.8713, 19.7571

### Deuteranopia

65.6305, 64.8091, 26.1898



## Tritanopia

72.3880, 64.9434, 69.6928

# Trichromacy



## Original Color

61.9008, 64.8108, 19.3724

## Protanomaly

60.2823, 65.0606, 19.7367

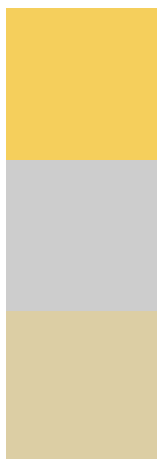
## Deuteranomaly

64.1368, 64.7991, 23.5951

## Tritanomaly

67.1821, 64.1461, 45.3998

# Monochromacy



## Original Color

61.9008, 64.8108, 19.3724

## Achromatopsia

58.0276, 61.0496, 66.4830

## Achromatomaly

58.2873, 62.0386, 44.0245

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 61.9008, 64.8108, 19.3724 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(245, 207, 92)` looks like.

```
.text, #text, p{  
    color:rgb(245, 207, 92)  
}
```

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(245, 207, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 207, 92) }
```

## Border

The CSS property to change the border of an element to XYZ 61.9008, 64.8108, 19.3724 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(245, 207, 92) }
```



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

```
.border{ border-color:rgb(245, 207, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 207, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 207, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 207, 92);  
box-shadow:4px 4px 4px 4px rgb(245, 207,  
92) }
```

# Background

The CSS property to change the background color of an element to XYZ 61.9008, 64.8108, 19.3724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 207, 92) }
```

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

```
.background{ background-color: rgb(245,  
207, 92) }
```

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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