

Converting Colors

XYZ(61.6173, 67.6397, 18.8250)

Have a look what the booklet for
XYZ(61.6173, 67.6397, 18.8250)
contains.

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Color

**XYZ(61.6173, 67.6397,
18.8250)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD757
RGB	239, 215, 87
RGB Percent	94%, 84%, 34%
CMY	0.0627, 0.1568, 0.6588
CMYK	0.00, 0.10, 0.64, 0.06
HSL	51°, 83%, 64%
HSV	51°, 64%, 94%
XYZ	61.6173, 67.6397, 18.8250
YIQ	207.5840, 55.3920, -34.7200

Conversions

Conversions Part 2

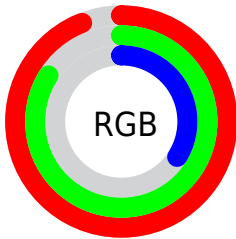
Format	Color
RYB	116, 239, 87
Decimal	15718231
CIELab	85.83, -6.17, 64.14
CIELCh	86, 64.440, 95.492
Yxy	67.6397, 0.4161, 0.4568
Android (android.graphics.Color)	4293908311 (0xFFEFD757)
YUV	207.5840, -59.4479, 27.5518
Hunter-Lab	82.2434, -10.1924, 43.9992

Details

The XYZ color **61.6173, 67.6397, 18.8250** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **25.1948, 19.6265, 84.1212**, and the grayscale version is **60.0338, 63.1603, 68.7815**.

A 20% lighter version of the original color is **81.8825, 94.7330, 39.5608**, and **31.7769, 35.2769, 6.2329** is the 20% darker color. If you saturate the color by 10%, you get **59.8488, 65.4154, 14.1899**, and if you desaturate by 10%, it is **63.7342, 70.0440, 25.1718**.

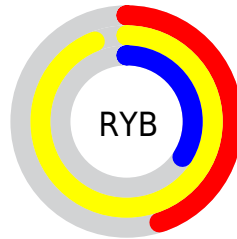
Distribution



Red (94%)

Green (84%)

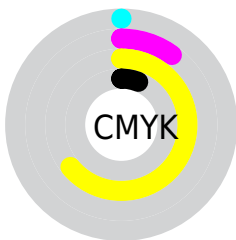
Blue (34%)



Red (45%)

Yellow (94%)

Blue (34%)

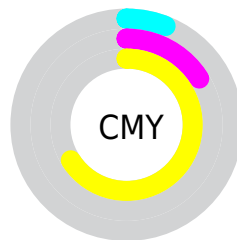


Cyan (0%)

Magenta (10%)

Yellow (64%)

Black (6%)



Cyan (6%)

Magenta (16%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6173, 67.6397, 18.8250 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 61.6173, 67.6397, 18.8250 by changing the saturation by 10% instead.

61.6173, 67.6397,
18.8250

61.6173, 67.6397,
18.8250

420.2736,
452.2184, 257.8714

44.9780, 49.6047,
11.3684

106.2653,
115.8366, 42.2709

31.6413, 35.0994,
6.1979

135.0047,
146.7672, 59.0973

21.2419, 23.7394,
2.8951

168.5081,
182.7651, 79.8840

13.4144, 15.1405,
1.0413

207.1409,
224.2148, 105.0496

7.7935, 8.9180,
0.0000

251.2686,
271.5005, 135.0126

4.0138, 4.6877,
0.0000

301.2563,

1.7099, 2.0652,

325.0068, 170.1915

0.0000

357.4695,
385.1179, 211.0049

■ 0.4625, 0.6450,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.6173, 67.6397,
18.8250

■ 61.6173, 67.6397,
18.8250

■ 59.8488, 65.4154,
14.1899

■ 63.7342, 70.0440,
25.1718

■ 58.3906, 63.3478,
11.0871


■ 66.2238, 72.6305,
33.3780


■ 57.2036, 61.4237,
9.3044


■ 69.1133, 75.4128,
43.5797


■ 56.5466, 60.2511,
8.6493


■ 72.4262, 78.4007,
55.8993

 76.1840, 81.6028,
70.4493

 80.4065, 85.0275,
87.3343

 85.1127, 88.6824,
106.6523

 86.3556, 90.9891,
107.6190

 87.5098, 93.2975,
108.0037

Harmonies

Analogous

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



76.7659, 67.6397, 21.7583



61.6173, 67.6397, 18.8250



49.2106, 67.6397, 25.3860

Triad

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



61.6173, 67.6397, 18.8250



43.8802, 67.6397, 131.4791



93.6505, 67.6397, 112.6712

Complementary

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



61.6173, 67.6397, 18.8250



25.1948, 19.6265, 84.1212

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.



82.1712, 67.6397, 161.3761



61.6173, 67.6397, 18.8250



53.2439, 67.6397, 174.8272

Square

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



61.6173, 67.6397, 18.8250



40.0213, 67.6397, 81.6855



67.0379, 67.6397, 187.4595



96.7965, 67.6397, 66.1560

Rectangle

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



61.6173, 67.6397, 18.8250



43.6643, 67.6397, 36.5960



67.0379, 67.6397, 187.4595



90.5610, 67.6397, 129.8074

Sweetspot

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



61.6189, 67.6429, 18.8264



85.8161, 92.4801, 72.0709



41.9483, 26.3450, 18.3018



18.1069, 19.5696, 14.4216



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.



61.6189, 67.6429, 18.8264



68.8532, 75.1300, 15.3158



53.4082, 73.1546, 20.3230



16.8980, 18.0092, 16.7352



31.3294, 33.4568, 4.8066



2.6628, 2.8963, 0.4187

Inverse Universe

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



25.1948, 19.6265, 84.1212



23.7959, 15.8367, 96.4104



29.4149, 18.4240, 83.6667



15.0987, 15.6316, 19.9430



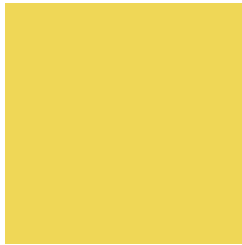
9.0488, 4.3218, 45.4851



0.8124, 0.4787, 3.8038

Previews

White Background



This preview shows how the XYZ color 61.6173, 67.6397, 18.8250 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 61.6173, 67.6397, 18.8250 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 61.6173, 67.6397, 18.8250

Background



This preview shows how black text looks on a background with the XYZ color 61.6173, 67.6397, 18.8250.



This preview shows how white text looks on a background with the XYZ color 61.6173, 67.6397,

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

61.6173, 67.6397, 18.8250

Protanopia

61.6173, 67.6397, 18.8250

Deuteranopia

67.8559, 67.6069, 32.0273



Tritanopia

73.0693, 67.5748, 74.8377

Trichromacy



Original Color

61.6173, 67.6397, 18.8250

Protanomaly

61.6173, 67.6397, 18.8250

Deuteranomaly

65.3244, 67.5173, 26.4188

Tritanomaly

67.5746, 67.1208, 47.4242

Monochromacy



Original Color

61.6173, 67.6397, 18.8250

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.2085, 64.3289, 44.4181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6173, 67.6397, 18.8250 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(239, 215, 87)` looks like.

```
.text, #text, p{  
    color:rgb(239, 215, 87)  
}
```

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(239, 215, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 215, 87) }
```

Border

The CSS property to change the border of an element to XYZ 61.6173, 67.6397, 18.8250 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(239, 215, 87) }
```


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

```
.border{ border-color:rgb(239, 215, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 215, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 215, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 215, 87);  
box-shadow:4px 4px 4px 4px rgb(239, 215,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6173, 67.6397, 18.8250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 215, 87) }
```

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

```
.background{ background-color: rgb(239,  
215, 87) }
```

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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