

Converting Colors

XYZ(57.1199, 61.0939, 16.7226)

Have a look what the booklet for
XYZ(57.1199, 61.0939, 16.7226)
contains.

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Color

**XYZ(57.1399, 60.9832,
16.7420)**

Conversions

Conversions Part 1

Format	Color
Hex	EBCB52
RGB	235, 203, 82
RGB Percent	92%, 80%, 32%
CMY	0.0784, 0.2039, 0.6784
CMYK	0.00, 0.14, 0.65, 0.08
HSL	47°, 79%, 62%
HSV	47°, 65%, 92%
XYZ	57.1399, 60.9832, 16.7420
YIQ	198.7740, 57.9130, -30.8470

Conversions

Conversions Part 2

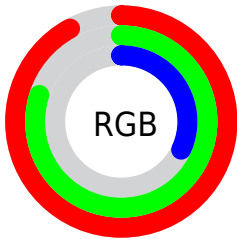
Format	Color
RYB	122, 235, 82
Decimal	15453010
CIELab	82.37, -2.02, 62.46
CIELCh	82, 62.489, 91.849
Yxy	60.9832, 0.4237, 0.4522
Android (android.graphics.Color)	4293643090 (0xFFEBCB52)
YUV	198.7740, -57.5696, 31.7702
Hunter-Lab	78.0917, -6.0517, 41.9531

Details

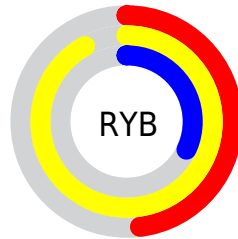
The XYZ color **57.1399, 60.9832, 16.7420** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **24.4923, 19.8261, 81.1329**, and the grayscale version is **54.4653, 57.3018, 62.4016**.

A 20% lighter version of the original color is **81.4439, 94.5576, 37.2514**, and **28.8066, 30.7869, 5.2348** is the 20% darker color. If you saturate the color by 10%, you get **55.2525, 58.4030, 12.4313**, and if you desaturate by 10%, it is **59.3730, 63.7653, 22.6794**.

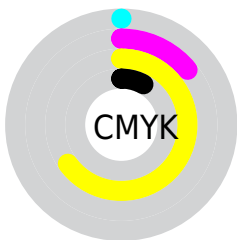
Distribution



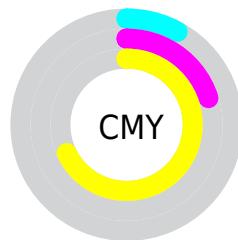
- Red (92%)
- Green (80%)
- Blue (32%)



- Red (48%)
- Yellow (92%)
- Blue (32%)



- Cyan (0%)
- Magenta (14%)
- Yellow (65%)
- Black (8%)





- Cyan (8%)
- Magenta (20%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.1399, 60.9832, 16.7420 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 57.1399, 60.9832, 16.7420 by changing the saturation by 10% instead.


 57.1399, 60.9832,
16.7420

 57.1399, 60.9832,
16.7420


403.9790,
428.2124, 245.6746

 41.3581, 44.2116,
9.8907


 99.7995, 106.2546,
38.6662

 28.7879, 30.8369,
5.2219


 127.4080,
135.5232, 54.5762


 19.0639, 20.4747,
2.3170


 159.6895,
169.7263, 74.3428

 11.8208, 12.7406,
0.7407

 197.0093,
209.2482, 98.3846

 6.6931, 7.2501,
0.0000

 239.7328,
254.4734, 127.1202

 3.3155, 3.6190,
0.0000

288.2254,

 1.3227, 1.4628,

305.7862, 160.9680

0.0000

342.8523,
363.5711, 200.3466

■ 0.2001, 0.2623,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1399, 60.9832,
16.7420

■ 57.1399, 60.9832,
16.7420

■ 55.2525, 58.4030,
12.4313

■ 59.3730, 63.7653,
22.6794

■ 53.6735, 56.0021,
9.5710


■ 61.9761, 66.7524,
30.3882

■ 52.3638, 53.7666,
7.9503

■ 64.9759, 69.9581,
40.0012


■ 51.7898, 52.7201,
7.4464


■ 68.3953, 73.3921,
51.6374

 72.2553, 77.0633,
65.4063

 76.5756, 80.9800,
81.4092

 81.3744, 85.1501,
99.7412

 84.1581, 88.5766,
107.2691

 85.6430, 91.5465,
107.7641

Harmonies

Analogous

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



70.9138, 60.9832, 20.4343



57.1399, 60.9832, 16.7420



45.4643, 60.9832, 21.5326

Triad

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



57.1399, 60.9832, 16.7420



38.8054, 60.9832, 113.1461



83.6214, 60.9832, 107.3958

Complementary

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



57.1399, 60.9832, 16.7420



24.4923, 19.8261, 81.1329

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.



72.5644, 60.9832, 150.2917



57.1399, 60.9832, 16.7420



46.6931, 60.9832, 154.4104

Square

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



57.1399, 60.9832, 16.7420



35.9367, 60.9832, 68.7963



58.7934, 60.9832, 170.0850



87.5345, 60.9832, 64.0607

Rectangle

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



57.1399, 60.9832, 16.7420



40.0554, 60.9832, 30.5982



58.7934, 60.9832, 170.0850



80.5411, 60.9832, 122.8406

Sweetspot

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



57.1413, 60.9861, 16.7432



84.5907, 90.5229, 70.1410



40.3817, 24.9386, 18.9511



17.8297, 19.1111, 14.0339



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.



57.1413, 60.9861, 16.7432



65.8531, 69.3402, 13.6674



52.8812, 71.1866, 18.9366



16.0690, 17.0610, 15.9649



28.9188, 29.5318, 4.1760



2.3378, 2.4529, 0.3502

Inverse Universe

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



24.4923, 19.8261, 81.1329



24.0255, 16.7416, 96.5729



26.5219, 16.4198, 80.3684



14.4864, 15.0593, 19.0655



9.0343, 4.7155, 44.1770



0.7773, 0.5060, 3.4916

Previews

White Background



This preview shows how the XYZ color 57.1399, 60.9832, 16.7420 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 57.1399, 60.9832, 16.7420 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 57.1399, 60.9832, 16.7420

Background



This preview shows how black text looks on a background with the XYZ color 57.1399, 60.9832, 16.7420.



This preview shows how white text looks on a background with the XYZ color 57.1399, 60.9832,

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

57.1399, 60.9832, 16.7420

Protanopia

55.3876, 60.7812, 16.9963

Deuteranopia

62.3553, 60.9303, 16.8617



Tritanopia

67.0891, 60.6472, 65.9277

Trichromacy



Original Color

57.1399, 60.9832, 16.7420

Protanomaly

56.1092, 60.7992, 16.9618

Deuteranomaly

60.4668, 60.9692, 16.7649

Tritanomaly

62.1359, 60.2691, 41.6159

Monochromacy



Original Color

57.1399, 60.9832, 16.7420

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.8064, 57.7059, 39.7549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1399, 60.9832, 16.7420 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(235, 203, 82)` looks like.

```
.text, #text, p{  
    color:rgb(235, 203, 82)  
}
```

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(235, 203, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 203, 82) }
```

Border

The CSS property to change the border of an element to XYZ 57.1399, 60.9832, 16.7420 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(235, 203, 82) }
```


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

```
.border{ border-color:rgb(235, 203, 82) }
```

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

Here you see how a box with a 4 pixel rgb(235, 203, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 203, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 203, 82);  
box-shadow:4px 4px 4px 4px rgb(235, 203,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1399, 60.9832, 16.7420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 203, 82) }
```

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

```
.background{ background-color: rgb(235,  
203, 82) }
```

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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