

Converting Colors

XYZ(61.8045, 60.3103, 16.9779)

Have a look what the booklet for
XYZ(61.8045, 60.3103, 16.9779)
contains.

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Color

**XYZ(61.8045, 60.3103,
16.9779)**

Conversions

Conversions Part 1

Format	Color
Hex	FEC255
RGB	254, 194, 85
RGB Percent	100%, 76%, 33%
CMY	0.0039, 0.2392, 0.6667
CMYK	0.00, 0.24, 0.67, 0.00
HSL	39°, 99%, 66%
HSV	39°, 67%, 100%
XYZ	61.8045, 60.3103, 16.9779
YIQ	199.5140, 70.7490, -21.1790

Conversions

Conversions Part 2

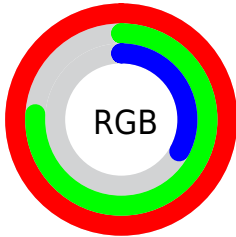
Format	Color
RYB	178, 254, 85
Decimal	16695893
CIELab	82.01, 10.73, 61.33
CIELCh	82, 62.261, 80.073
Yxy	60.3103, 0.4443, 0.4336
Android (android.graphics.Color)	4294885973 (0xFFFECC255)
YUV	199.5140, -56.4554, 47.7842
Hunter-Lab	77.6597, 6.1525, 41.3999

Details

The XYZ color **61.8045, 60.3103, 16.9779** 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 **31.7605, 29.3365, 97.7538**, and the grayscale version is **54.9078, 57.7672, 62.9085**.

A 20% lighter version of the original color is **80.0858, 91.4953, 37.8655**, and **31.7390, 30.4759, 5.3720** is the 20% darker color. If you saturate the color by 10%, you get **59.0248, 56.0865, 11.9350**, and if you desaturate by 10%, it is **65.0708, 64.9283, 23.9700**.

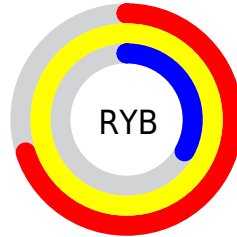
Distribution



Red (100%)

Green (76%)

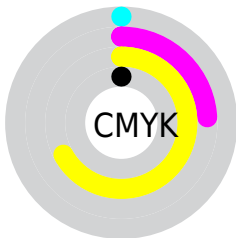
Blue (33%)



Red (70%)

Yellow (100%)

Blue (33%)

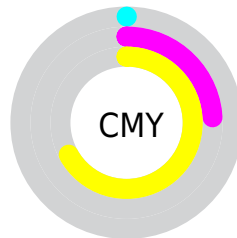


Cyan (0%)

Magenta (24%)

Yellow (67%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8045, 60.3103, 16.9779 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 61.8045, 60.3103, 16.9779 by changing the saturation by 10% instead.


 61.8045, 60.3103,
16.9779


 61.8045, 60.3103,
16.9779


420.9465,
425.7406, 247.0846

 45.1298, 43.6688,
10.0569


 106.5345,
105.2797, 39.0779

 31.7614, 30.4102,
5.3306


 135.3204,
134.3763, 55.0940

 21.3339, 20.1502,
2.3804


 168.8741,
168.3935, 74.9790

 13.4822, 12.5042,
0.7758

 207.5609,
207.7155, 99.1512

 7.8407, 7.0881,
0.0000

251.7462,
252.7269, 128.0294

 4.0441, 3.5172,
0.0000

301.7953,

 1.7271, 1.4074,

303.8119, 162.0320

0.0000

358.0737,
361.3550, 201.5776

■ 0.4732, 0.2221,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.8045, 60.3103,
16.9779

■ 61.8045, 60.3103,
16.9779

■ 59.0248, 56.0865,
11.9350

■ 65.0708, 64.9283,
23.9700

■ 56.6845, 52.2276,
8.6221

■ 68.8563, 69.9499,
33.0917

■ 54.7318, 48.7115,
6.7704

■ 73.1952, 75.3942,
44.5068

■ 54.1181, 47.5613,
6.3279

■ 78.1173, 81.2764,
58.3617

■ 83.6498, 87.6104,
74.7908

■ 89.8182, 94.4096,
93.9185

94.6828, 99.8107,
108.8828

Harmonies

Analogous

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



75.1775, 60.3103, 24.2499



61.8045, 60.3103, 16.9779



49.0567, 60.3103, 18.3623

Triad

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



61.8045, 60.3103, 16.9779



36.6606, 60.3103, 93.8645



79.0393, 60.3103, 124.1410

Complementary

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



61.8045, 60.3103, 16.9779



31.7605, 29.3365, 97.7538

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.



66.4696, 60.3103, 160.1634



61.8045, 60.3103, 16.9779



42.5463, 60.3103, 138.5426

Square

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



61.8045, 60.3103, 16.9779



35.8061, 60.3103, 53.9320



53.0638, 60.3103, 166.2592



86.0892, 60.3103, 78.9930

Rectangle

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



61.8045, 60.3103, 16.9779



42.5057, 60.3103, 24.3112



53.0638, 60.3103, 166.2592



75.2368, 60.3103, 138.3472

Sweetspot

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



61.8059, 60.3133, 16.9791



82.3930, 86.1275, 69.4084



49.3855, 29.6738, 30.7154



17.2992, 18.0499, 13.8570



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.



61.8059, 60.3133, 16.9791



58.6849, 55.1937, 10.6924



70.1871, 88.6057, 21.9983



18.9869, 19.9420, 18.9928



28.6762, 25.3637, 3.3843



2.8952, 2.6758, 0.3639

Inverse Universe

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



31.7605, 29.3365, 97.7538



26.5502, 22.1937, 97.4922



27.2660, 16.8123, 95.5733



17.5306, 18.4328, 22.8839



11.4921, 7.8938, 50.3525



1.2174, 0.9656, 4.9355

Previews

White Background



This preview shows how the XYZ color 61.8045, 60.3103, 16.9779 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 61.8045, 60.3103, 16.9779 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 61.8045, 60.3103, 16.9779

Background



This preview shows how black text looks on a background with the XYZ color 61.8045, 60.3103, 16.9779.



This preview shows how white text looks on a background with the XYZ color 61.8045, 60.3103,

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

61.8045, 60.3103, 16.9779

Protanopia

55.2713, 60.6981, 18.0353

Deuteranopia

61.8045, 60.3103, 16.9779



Tritanopia

68.8769, 60.4090, 60.8532

Trichromacy



Original Color

61.8045, 60.3103, 16.9779

Protanomaly

57.5320, 60.4659, 17.6557

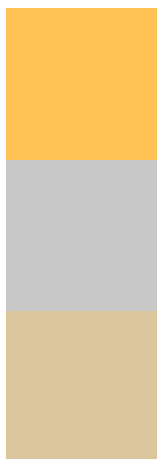
Deuteranomaly

61.8045, 60.3103, 16.9779

Tritanomaly

65.4383, 60.0555, 39.5954

Monochromacy



Original Color

61.8045, 60.3103, 16.9779

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.8808, 58.0724, 40.6116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8045, 60.3103, 16.9779 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(254, 194, 85)` looks like.

```
.text, #text, p{  
    color:rgb(254, 194, 85)  
}
```

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(254, 194, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 194, 85) }
```

Border

The CSS property to change the border of an element to XYZ 61.8045, 60.3103, 16.9779 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(254, 194, 85) }
```


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

```
.border{ border-color:rgb(254, 194, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 194, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 194, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 194, 85);  
box-shadow:4px 4px 4px 4px rgb(254, 194,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8045, 60.3103, 16.9779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 194, 85) }
```

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

```
.background{ background-color: rgb(254,  
194, 85) }
```

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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