

Converting Colors

XYZ(61.5376, 59.5385, 15.8381)

Have a look what the booklet for
XYZ(61.5376, 59.5385, 15.8381)
contains.

XYZ(61.5376, 59.5385, 15.8381)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.5376, 59.5385,
15.8381)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC050
RGB	255, 192, 80
RGB Percent	100%, 75%, 31%
CMY	0.0000, 0.2470, 0.6863
CMYK	0.00, 0.25, 0.69, 0.00
HSL	38°, 100%, 66%
HSV	38°, 69%, 100%
XYZ	61.5376, 59.5385, 15.8381
YIQ	198.0690, 73.5000, -21.4760

Conversions

Conversions Part 2

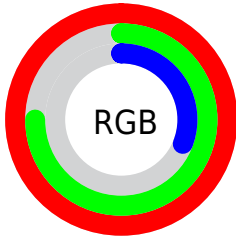
Format	Color
R _Y B	178, 255, 80
Decimal	16760912
CIE Lab	81.59, 11.92, 63.07
CIE LCh	82, 64.187, 79.299
Yxy	59.5385, 0.4495, 0.4349
Android (android.graphics.Color)	4294950992 (0xFFFFC050)
YUV	198.0690, -58.2080, 49.9285
Hunter-Lab	77.1612, 7.3252, 41.8430

Details

The XYZ color **61.5376, 59.5385, 15.8381** 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 **31.1802, 28.5691, 98.4781**, and the grayscale version is **54.0315, 56.8453, 61.9046**.

A 20% lighter version of the original color is **79.1105, 90.1160, 35.7788**, and **31.6161, 29.9887, 4.8315** is the 20% darker color. If you saturate the color by 10%, you get **58.8155, 55.3270, 11.1316**, and if you desaturate by 10%, it is **64.7455, 64.1502, 22.4704**.

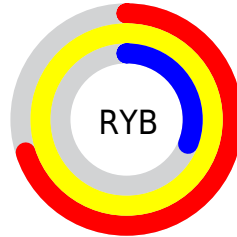
Distribution



Red (100%)

Green (75%)

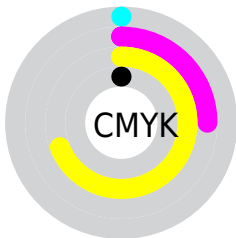
Blue (31%)



Red (70%)

Yellow (100%)

Blue (31%)

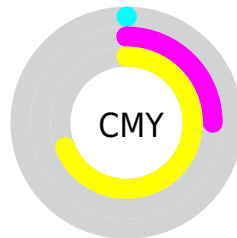


Cyan (0%)

Magenta (25%)

Yellow (69%)

Black (0%)



Cyan (0%)

Magenta (25%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5376, 59.5385, 15.8381 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 61.5376, 59.5385, 15.8381 by changing the saturation by 10% instead.

61.5376, 59.5385,
15.8381

61.5376, 59.5385,
15.8381

419.9869,
422.8946, 240.1975

44.9134, 43.0468,
9.2565

106.1507,
104.1599, 37.0798

31.5902, 29.9218,
4.8098

134.8702,
133.0584, 52.5770

21.2027, 19.7792,
2.0793

168.3522,
166.8612, 71.8832

13.3855, 12.2347,
0.6034

206.9621,
205.9528, 95.4169

7.7734, 6.9037,
0.0000

251.0651,
250.7175, 123.5966

4.0009, 3.4020,
0.0000

301.0267,

1.7026, 1.3450,

301.5398, 156.8409

0.0000

357.2122,
358.8040, 195.5684

0.4579, 0.1757,
0.0000

0.0000, 0.0000,
0.0000

61.5376, 59.5385,
15.8381

61.5376, 59.5385,
15.8381

58.8155, 55.3270,
11.1316

64.7455, 64.1502,
22.4704

56.5298, 51.4852,
8.1208

68.4735, 69.1723,
31.2165

54.6186, 47.9869,
6.4843

72.7569, 74.6247,
42.2456

54.3740, 47.5284,
6.3081

77.6263, 80.5229,
55.7087

■ 83.1099, 86.8817,
71.7438

■ 89.2337, 93.7145,
90.4785

95.0497, 99.9998,
108.9000

Harmonies

Analogous

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



75.2201, 59.5385, 23.2796



61.5376, 59.5385, 15.8381



48.4524, 59.5385, 16.9900

Triad

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



61.5376, 59.5385, 15.8381



35.4916, 59.5385, 92.5688



78.5890, 59.5385, 126.2438

Complementary

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



61.5376, 59.5385, 15.8381



31.1802, 28.5691, 98.4781

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.



65.5903, 59.5385, 163.0889



61.5376, 59.5385, 15.8381



41.3212, 59.5385, 138.9097

Square

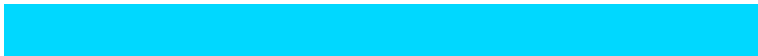
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.5376, 59.5385, 15.8381



34.7602, 59.5385, 52.0034



51.9141, 59.5385, 168.4719



86.0525, 59.5385, 79.6030

Rectangle

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



61.5376, 59.5385, 15.8381



41.7164, 59.5385, 22.6947



51.9141, 59.5385, 168.4719



74.6343, 59.5385, 140.8592

Sweetspot

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



61.5390, 59.5414, 15.8393



81.7517, 85.3303, 67.6979



49.1555, 29.0164, 29.4631



17.1696, 17.8850, 13.5232



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.



61.5390, 59.5414, 15.8393



57.9983, 53.9907, 9.9389



70.3784, 89.1988, 21.0978



18.9791, 19.9263, 18.9902



28.5584, 25.1280, 3.3450



2.8842, 2.6539, 0.3602

Inverse Universe

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



31.1802, 28.5691, 98.4781



26.0301, 21.5142, 97.3885



26.5509, 15.8612, 96.2692



17.5381, 18.4479, 22.8864



11.5500, 8.0096, 50.3718



1.2237, 0.9780, 4.9376

Previews

White Background



This preview shows how the XYZ color 61.5376, 59.5385, 15.8381 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 61.5376, 59.5385, 15.8381 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 61.5376, 59.5385, 15.8381

Background



This preview shows how black text looks on a background with the XYZ color 61.5376, 59.5385, 15.8381.



This preview shows how white text looks on a background with the XYZ color 61.5376, 59.5385,

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

61.5376, 59.5385, 15.8381

Protanopia

54.2813, 59.5052, 16.8083

Deuteranopia

61.0259, 59.6018, 15.8773



Tritanopia

68.2308, 59.4811, 59.5146

Trichromacy



Original Color

61.5376, 59.5385, 15.8381

Protanomaly

56.8715, 59.4606, 16.4622

Deuteranomaly

61.3910, 59.7899, 15.8944

Tritanomaly

64.7601, 59.1006, 38.1313

Monochromacy



Original Color

61.5376, 59.5385, 15.8381

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.8697, 56.9065, 39.1024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5376, 59.5385, 15.8381 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(255, 192, 80)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 80)  
}
```

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(255, 192, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 80) }
```

Border

The CSS property to change the border of an element to XYZ 61.5376, 59.5385, 15.8381 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(255, 192, 80) }
```


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

```
.border{ border-color:rgb(255, 192, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 192, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 80);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5376, 59.5385, 15.8381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 80) }
```

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

```
.background{ background-color: rgb(255,  
192, 80) }
```

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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