

Converting Colors

XYZ(60.0919, 58.1778, 10.6367)

Have a look what the booklet for
XYZ(60.0919, 58.1778, 10.6367)
contains.

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Color

**XYZ(60.1466, 58.2842,
10.6647)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBE2E
RGB	255, 190, 46
RGB Percent	100%, 75%, 18%
CMY	0.0000, 0.2549, 0.8196
CMYK	0.00, 0.25, 0.82, 0.00
HSL	41°, 100%, 59%
HSV	41°, 82%, 100%
XYZ	60.1466, 58.2842, 10.6647
YIQ	193.0190, 84.9640, -31.0040

Conversions

Conversions Part 2

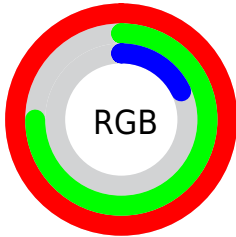
Format	Color
R _Y B	140, 255, 46
Decimal	16760366
CIE Lab	80.90, 11.61, 74.87
CIE LCh	81, 75.766, 81.186
Yxy	58.2842, 0.4659, 0.4515
Android (android.graphics.Color)	4294950446 (0xFFFFBE2E)
YUV	193.0190, -72.4804, 54.3573
Hunter-Lab	76.3441, 7.0265, 45.1585

Details

The XYZ color **60.1466, 58.2842, 10.6647** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **24.8611, 19.1694, 96.9967**, and the grayscale version is **51.0793, 53.7394, 58.5222**.

A 20% lighter version of the original color is **76.7456, 88.1915, 26.3423**, and **30.9380, 29.2288, 4.0111** is the 20% darker color. If you saturate the color by 10%, you get **58.1142, 54.7997, 8.2001**, and if you desaturate by 10%, it is **62.5730, 62.0806, 14.7316**.

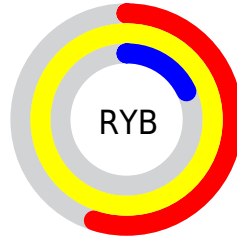
Distribution



Red (100%)

Green (75%)

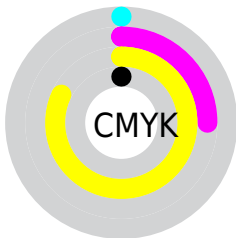
Blue (18%)



Red (55%)

Yellow (100%)

Blue (18%)

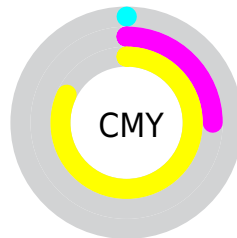


Cyan (0%)

Magenta (25%)

Yellow (82%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.1466, 58.2842, 10.6647 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 60.1466, 58.2842, 10.6647 by changing the saturation by 10% instead.


 60.1466, 58.2842,
10.6647

 60.1466, 58.2842,
10.6647


414.9640,
418.2441, 206.0067


 43.7867, 42.0372,
5.7305


 104.1474,
102.3366, 27.6656


 30.7001, 29.1304,
2.6158


 132.5191,
130.9108, 40.5693


 20.5213, 19.1795,
0.9006


 165.6254,
164.3628, 56.9667

 12.8850, 11.8000,
0.0000

 203.8317,
203.0770, 77.2762

 7.4258, 6.6077,
0.0000

 247.5034,
247.4378, 101.9165

 3.7785, 3.2180,
0.0000

 297.0057,

 1.5776, 1.2466,

297.8297, 131.3059

0.0000

352.7042,
354.6370, 165.8631

■ 0.3777, 0.0993,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.1466, 58.2842,
10.6647

■ 60.1466, 58.2842,
10.6647

■ 58.1142, 54.7997,
8.2001

■ 62.5730, 62.0806,
14.7316

■ 56.7063, 52.1930,
7.0855

■ 65.4369, 66.2015,
20.6400

■ 68.7791, 70.6679,
28.5924

■ 72.6342, 75.4956,
38.7633

■ 77.0329, 80.6992,
51.3087

■ 82.0034, 86.2921,
66.3703

■ 87.5717, 92.2868,
84.0787

■ 93.7622, 98.6949,
104.5553

■ 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.



76.5244, 58.2842, 17.1583



60.1466, 58.2842, 10.6647



45.2006, 58.2842, 12.1996

Triad

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



60.1466, 58.2842, 10.6647



31.7734, 58.2842, 100.0590



82.3654, 58.2842, 134.4225

Complementary

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



60.1466, 58.2842, 10.6647



24.8611, 19.1694, 96.9967

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.



67.0227, 58.2842, 182.8107



60.1466, 58.2842, 10.6647



38.5677, 58.2842, 157.3124

Square

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



60.1466, 58.2842, 10.6647



30.6266, 58.2842, 51.1295



50.9050, 58.2842, 192.7353



90.8495, 58.2842, 77.6325

Rectangle

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



60.1466, 58.2842, 10.6647



37.8217, 58.2842, 18.1368



50.9050, 58.2842, 192.7353



77.7162, 58.2842, 153.1421

Sweetspot

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



60.1479, 58.2871, 10.6658



80.4300, 84.5496, 61.5152



45.1520, 24.3883, 17.7116



16.8407, 17.6759, 12.0305



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.



60.1479, 58.2871, 10.6658



57.0468, 52.8289, 7.3368



64.7743, 86.4200, 15.8522



19.0567, 20.0816, 19.0161



29.7697, 27.5505, 3.7488



2.9960, 2.8774, 0.3975

Inverse Universe

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



24.8611, 19.1694, 96.9967



21.1928, 13.4109, 96.0793



22.7121, 11.0741, 95.5474



17.4638, 18.2992, 22.8616



11.0200, 6.9495, 50.1952



1.1654, 0.8615, 4.9181

Previews

White Background



This preview shows how the XYZ color 60.1466, 58.2842, 10.6647 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 60.1466, 58.2842, 10.6647 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 60.1466, 58.2842, 10.6647

Background



This preview shows how black text looks on a background with the XYZ color 60.1466, 58.2842, 10.6647.



This preview shows how white text looks on a background with the XYZ color 60.1466, 58.2842, 10.6647.

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

60.1466, 58.2842, 10.6647

Protanopia

53.0389, 58.6316, 11.4273

Deuteranopia

59.6320, 58.3415, 10.7029



Tritanopia

67.2783, 58.1135, 57.5403

Trichromacy



Original Color

60.1466, 58.2842, 10.6647

Protanomaly

55.6526, 58.6061, 11.1752

Deuteranomaly

59.9970, 58.5297, 10.7199

Tritanomaly

63.0407, 57.4051, 32.1838

Monochromacy



Original Color

60.1466, 58.2842, 10.6647

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.9022, 54.1917, 32.5354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1466, 58.2842, 10.6647 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, 190, 46)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 46)  
}
```

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, 190, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 46) }
```

Border

The CSS property to change the border of an element to XYZ 60.1466, 58.2842, 10.6647 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, 190, 46) }
```


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

```
.border{ border-color:rgb(255, 190, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 46);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
46) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1466, 58.2842, 10.6647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 46) }
```

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

```
.background{ background-color: rgb(255,  
190, 46) }
```

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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