

Converting Colors

XYZ(60.0731, 60.2460, 11.0199)

Have a look what the booklet for
XYZ(60.0731, 60.2460, 11.0199)
contains.

XYZ(60.0167, 60.1863, 11.0387)	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(60.0167, 60.1863,
11.0387)**

Conversions

Conversions Part 1

Format	Color
Hex	FBC42E
RGB	251, 196, 46
RGB Percent	98%, 77%, 18%
CMY	0.0157, 0.2313, 0.8196
CMYK	0.00, 0.22, 0.82, 0.02
HSL	44°, 96%, 58%
HSV	44°, 82%, 98%
XYZ	60.0167, 60.1863, 11.0387
YIQ	195.3450, 80.9300, -34.9900

Conversions

Conversions Part 2

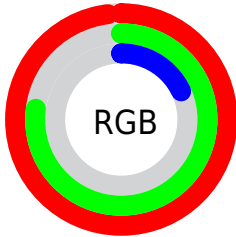
Format	Color
R _Y B	121, 251, 46
Decimal	16499758
CIE Lab	81.94, 6.81, 75.60
CIE LCh	82, 75.909, 84.856
Yxy	60.1863, 0.4573, 0.4586
Android (android.graphics.Color)	4294689838 (0xFFFB42E)
YUV	195.3450, -73.6271, 48.8094
Hunter-Lab	77.5798, 2.3251, 45.8696

Details

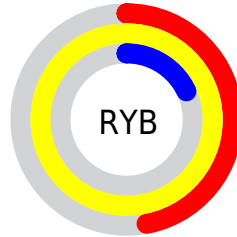
The XYZ color **60.0167, 60.1863, 11.0387** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **23.1931, 16.8532, 93.2966**, and the grayscale version is **52.4714, 55.2039, 60.1171**.

A 20% lighter version of the original color is **78.6519, 91.9214, 27.2329**, and **31.0577, 30.5921, 4.2679** is the 20% darker color. If you saturate the color by 10%, you get **58.1743, 57.0757, 8.6556**, and if you desaturate by 10%, it is **62.2187, 63.5546, 14.9672**.

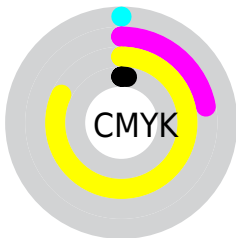
Distribution



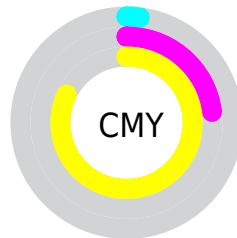
- Red (98%)
- Green (77%)
- Blue (18%)



- Red (47%)
- Yellow (98%)
- Blue (18%)



- Cyan (0%)
- Magenta (22%)
- Yellow (82%)
- Black (2%)



- Cyan (2%)
- Magenta (23%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0167, 60.1863, 11.0387 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 60.0167, 60.1863, 11.0387 by changing the saturation by 10% instead.

60.0167, 60.1863,
11.0387

60.0167, 60.1863,
11.0387

414.4931,
425.2841, 208.6798

43.6816, 43.5688,
5.9784

103.9601,
105.0999, 28.3695

30.6171, 30.3317,
2.7634

132.2991,
134.1647, 41.4770

20.4579, 20.0905,
0.9751

165.3702,
168.1475, 58.1039

12.8385, 12.4608,
0.0000

203.5386,
207.4327, 78.6689

7.3937, 7.0583,
0.0000

247.1697,
252.4045, 103.5905

3.7580, 3.4986,
0.0000

296.6289,

1.5662, 1.3973,

303.4474, 133.2871

0.0000

352.2816,
360.9458, 168.1774

■ 0.3702, 0.2147,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.0167, 60.1863,
11.0387

■ 60.0167, 60.1863,
11.0387

■ 58.1743, 57.0757,
8.6556


■ 62.2187, 63.5546,
14.9672


■ 56.8543, 54.6509,
7.5521


■ 64.8210, 67.1911,
20.6690

■ 67.8623, 71.1150,
28.3377

■ 71.3751, 75.3406,
38.1405

 75.3885, 79.8810,
50.2268

 79.9292, 84.7480,
64.7324

 85.0215, 89.9527,
81.7824

 90.6885, 95.5056,
101.4935

 93.5933, 99.2491,
108.8318

Harmonies

Analogous

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



76.8707, 60.1863, 16.5748



60.0167, 60.1863, 11.0387



45.1895, 60.1863, 13.6036

Triad

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



60.0167, 60.1863, 11.0387



33.5248, 60.1863, 110.1440



86.3313, 60.1863, 130.7053

Complementary

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



60.0167, 60.1863, 11.0387



23.1931, 16.8532, 93.2966

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.



71.1819, 60.1863, 182.8808



60.0167, 60.1863, 11.0387



41.2171, 60.1863, 167.6207

Square

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



60.0167, 60.1863, 11.0387



31.6462, 60.1863, 57.9244



54.4830, 60.1863, 198.8466



93.7730, 60.1863, 73.7796

Rectangle

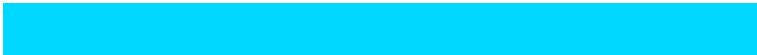
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.0167, 60.1863, 11.0387



38.0832, 60.1863, 20.7270



54.4830, 60.1863, 198.8466



81.8485, 60.1863, 150.2668

Sweetspot

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



60.0181, 60.1893, 11.0399



81.2164, 86.1223, 61.7773



43.2638, 23.4648, 15.3691



17.0299, 18.0543, 12.0936



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.



60.0181, 60.1893, 11.0399



59.2427, 57.2207, 8.0687



60.6062, 82.3967, 15.2953



18.3105, 19.3568, 18.2336



30.0116, 28.9799, 4.0119



2.8669, 2.8586, 0.4007

Inverse Universe

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



23.1931, 16.8532, 93.2966



20.4402, 11.9057, 95.8285



22.6473, 11.1144, 92.2177



16.6618, 17.4004, 21.8657



10.3201, 5.9958, 48.5869



1.0392, 0.7222, 4.5278

Previews

White Background



This preview shows how the XYZ color 60.0167, 60.1863, 11.0387 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 60.0167, 60.1863, 11.0387 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 60.0167, 60.1863, 11.0387

Background



This preview shows how black text looks on a background with the XYZ color 60.0167, 60.1863, 11.0387.



This preview shows how white text looks on a background with the XYZ color 60.0167, 60.1863,

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

60.0167, 60.1863, 11.0387

Protanopia

54.4395, 60.0571, 11.5192

Deuteranopia

61.4290, 60.2025, 13.0852



Tritanopia

68.6670, 59.9891, 60.7832

Trichromacy



Original Color

60.0167, 60.1863, 11.0387

Protanomaly

56.3248, 59.9830, 11.2986

Deuteranomaly

61.1267, 60.3965, 12.3069

Tritanomaly

63.9531, 59.4190, 33.6895

Monochromacy



Original Color

60.0167, 60.1863, 11.0387

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.3472, 55.4004, 33.1337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0167, 60.1863, 11.0387 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(251, 196, 46)` looks like.

```
.text, #text, p{  
    color:rgb(251, 196, 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(251, 196, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 196, 46) }
```

Border

The CSS property to change the border of an element to XYZ 60.0167, 60.1863, 11.0387 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(251, 196, 46) }
```


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

```
.border{ border-color:rgb(251, 196, 46) }
```

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

Here you see how a box with a 4 pixel rgb(251, 196, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 196, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 196, 46);  
box-shadow:4px 4px 4px 4px rgb(251, 196,  
46) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0167, 60.1863, 11.0387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 196, 46) }
```

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

```
.background{ background-color: rgb(251,  
196, 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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