

Converting Colors

XYZ(38.0958, 44.8852, 15.8454)

Have a look what the booklet for
XYZ(38.0958, 44.8852, 15.8454)
contains.

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Color

**XYZ(38.1933, 44.9306,
15.8920)**

Conversions

Conversions Part 1

Format	Color
Hex	B6B858
RGB	182, 184, 88
RGB Percent	71%, 72%, 35%
CMY	0.2863, 0.2784, 0.6549
CMYK	0.01, 0.00, 0.52, 0.28
HSL	61°, 40%, 53%
HSV	61°, 52%, 72%
XYZ	38.1933, 44.9306, 15.8920
YIQ	172.4580, 29.6240, -30.2800

Conversions

Conversions Part 2

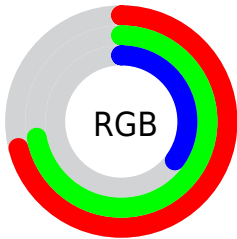
Format	Color
R_{YB}	88, 184, 90
Decimal	11974744
CIE _{Lab}	72.85, -13.99, 47.88
CIE _{LCh}	73, 49.884, 106.289
Yxy	44.9306, 0.3857, 0.4538
Android (android.graphics.Color)	4290164824 (0xFFB6B858)
YUV	172.4580, -41.6378, 8.3683
Hunter-Lab	67.0303, -15.5952, 32.8643

Details

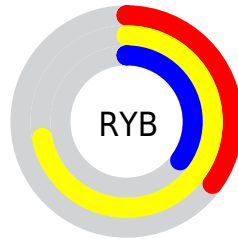
The XYZ color **38.1933, 44.9306, 15.8920** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **16.3594, 12.6149, 46.9228**, and the grayscale version is **39.6400, 41.7044, 45.4161**.

A 20% lighter version of the original color is **71.9030, 82.7685, 37.3855**, and **17.1871, 20.8720, 4.7919** is the 20% darker color. If you saturate the color by 10%, you get **37.4351, 44.6185, 12.3679**, and if you desaturate by 10%, it is **39.1463, 45.3239, 20.4310**.

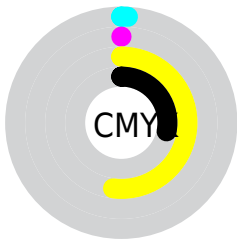
Distribution



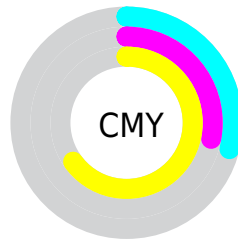
- Red (71%)
- Green (72%)
- Blue (35%)



- Red (35%)
- Yellow (72%)
- Blue (35%)



- Cyan (1%)
- Magenta (0%)
- Yellow (52%)
- Black (28%)





- Cyan (29%)
- Magenta (28%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.1933, 44.9306, 15.8920 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 38.1933, 44.9306, 15.8920 by changing the saturation by 10% instead.


 38.1933, 44.9306,
15.8920


 38.1933, 44.9306,
15.8920


329.7150,
366.4924, 240.5275


 26.3106, 31.4028,
9.2942


 71.7063, 82.6163,
37.1748


 17.1901, 20.9057,
4.8342


 94.0674, 107.5429,
52.6969

 10.4662, 13.0551,
2.0933


 120.6520,
137.0379, 72.0309

 5.7738, 7.4665,
0.6118

 151.8254,
171.4856, 95.5952

 2.7474, 3.7555,
0.0000

187.9531,
211.2706, 123.8085

 1.0216, 1.5378,
0.0000

229.4003,

 0.0000, 0.3151,

256.7771, 157.0893

0.0000

276.5325,
308.3896, 195.8561

■ 0.0000, 0.0000,
0.0000

■ 38.1933, 44.9306,
15.8920

■ 38.1933, 44.9306,
15.8920

■ 37.4351, 44.6185,
12.3679

■ 39.1463, 45.3239,
20.4310

■ 36.8537, 44.3755,
9.7783

■ 40.3040, 45.7975,
26.0519

■ 36.4333, 44.1969,
8.0349

■ 41.6797, 46.3584,
32.8191

■ 36.1537, 44.0747,
7.0316

■ 43.2844, 47.0109,
40.7912

■ 36.0015, 44.0057,
6.5965

■ 45.1286, 47.7591,
50.0227

■ 47.2219, 48.6071,
60.5650

■ 49.5736, 49.5585,
72.4665

■ 52.1923, 50.6167,
85.7731

■ 55.0865, 51.7850,
100.5286

Harmonies

Analogous

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



46.7840, 44.9306, 15.6304



38.1933, 44.9306, 15.8920



31.7425, 44.9306, 22.7699

Triad

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



38.1933, 44.9306, 15.8920



32.1802, 44.9306, 92.2390



61.0560, 44.9306, 61.1467

Complementary

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



38.1933, 44.9306, 15.8920



16.3594, 12.6149, 46.9228

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.



55.9395, 44.9306, 89.9374



38.1933, 44.9306, 15.8920



38.8706, 44.9306, 111.5922

Square

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



38.1933, 44.9306, 15.8920



28.6062, 44.9306, 63.5891



47.5591, 44.9306, 110.6304



60.8097, 44.9306, 36.7034

Rectangle

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



38.1933, 44.9306, 15.8920



29.1755, 44.9306, 32.1099



47.5591, 44.9306, 110.6304



59.8794, 44.9306, 70.7671

Sweetspot

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



38.1944, 44.9327, 15.8929



77.2179, 84.7103, 67.7541



25.1526, 18.1411, 11.4090



16.5190, 18.2099, 13.9727



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.1944, 44.9327, 15.8929



67.6355, 80.7862, 21.4114



28.7991, 40.0892, 15.4532



9.7311, 10.4936, 9.6195



24.8184, 30.3307, 4.5463



0.8808, 1.0723, 0.1605

Inverse Universe

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



16.3594, 12.6149, 46.9228



23.6282, 15.6338, 83.9769



22.5580, 15.8103, 47.2128



8.5380, 8.7282, 11.3141



6.0034, 2.4060, 31.4011



0.2175, 0.0879, 1.1072

Previews

White Background



This preview shows how the XYZ color 38.1933, 44.9306, 15.8920 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 38.1933, 44.9306, 15.8920 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 38.1933, 44.9306, 15.8920

Background



This preview shows how black text looks on a background with the XYZ color 38.1933, 44.9306, 15.8920.



This preview shows how white text looks on a background with the XYZ color 38.1933, 44.9306,

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

38.1933, 44.9306, 15.8920

Protanopia

41.0885, 44.9179, 15.3085

Deuteranopia

45.5199, 44.5822, 16.3313



Tritanopia

45.6514, 44.6815, 53.2320

Trichromacy



Original Color

38.1933, 44.9306, 15.8920

Protanomaly

39.9824, 44.9423, 15.5843

Deuteranomaly

42.6719, 44.5371, 16.2450

Tritanomaly

42.0471, 44.3700, 35.6263

Monochromacy



Original Color

38.1933, 44.9306, 15.8920

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.2375, 42.2039, 31.3301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1933, 44.9306, 15.8920 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(182, 184, 88)` looks like.

```
.text, #text, p{  
    color:rgb(182, 184, 88)  
}
```

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(182, 184, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 184, 88) }
```

Border

The CSS property to change the border of an element to XYZ 38.1933, 44.9306, 15.8920 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(182, 184, 88) }
```


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

```
.border{ border-color:rgb(182, 184, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 184, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 184, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 184, 88);  
box-shadow:4px 4px 4px 4px rgb(182, 184,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1933, 44.9306, 15.8920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 184, 88) }
```

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

```
.background{ background-color: rgb(182,  
184, 88) }
```

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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