

Converting Colors

XYZ(38.8322, 38.7628, 54.8699)

Have a look what the booklet for
XYZ(38.8322, 38.7628, 54.8699)
contains.

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Color

**XYZ(38.6158, 38.5280,
54.6916)**

Conversions

Conversions Part 1

Format	Color
Hex	A7A4BF
RGB	167, 164, 191
RGB Percent	65%, 64%, 75%
CMY	0.3451, 0.3568, 0.2510
CMYK	0.13, 0.14, 0.00, 0.25
HSL	247°, 17%, 70%
HSV	247°, 14%, 75%
XYZ	38.6158, 38.5280, 54.6916
YIQ	167.9750, -6.8790, 9.0330

Conversions

Conversions Part 2

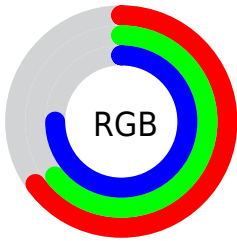
Format	Color
RYB	167, 164, 191
Decimal	10986687
CIELab	68.41, 6.49, -13.45
CIELCh	68, 14.937, 295.769
Yxy	38.5280, 0.2929, 0.2922
Android (android.graphics.Color)	4289176767 (0xFFA7A4BF)
YUV	167.9750, 11.3513, -0.8551
Hunter-Lab	62.0709, 2.4250, -8.7916

Details

The XYZ color **38.6158, 38.5280, 54.6916** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.0720, 50.6343, 42.4689**, and the grayscale version is **37.1566, 39.0917, 42.5708**.

A 20% lighter version of the original color is **72.2442, 72.9080, 98.2607**, and **17.4518, 17.0682, 26.4194** is the 20% darker color. If you saturate the color by 10%, you get **32.0967, 30.4692, 53.4803**, and if you desaturate by 10%, it is **46.1216, 47.8595, 56.0978**.

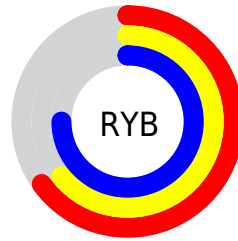
Distribution



Red (65%)

Green (64%)

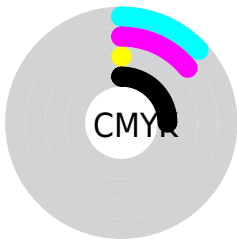
Blue (75%)



Red (65%)

Yellow (64%)

Blue (75%)

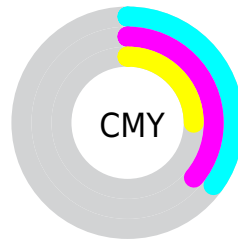


Cyan (13%)

Magenta (14%)

Yellow (0%)

Black (25%)



Cyan (35%)

Magenta (36%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.6158, 38.5280, 54.6916 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 38.6158, 38.5280, 54.6916 by changing the saturation by 10% instead.

■ 38.6158, 38.5280,
54.6916

■ 38.6158, 38.5280,
54.6916

331.4896,
339.8796, 421.9908

■ 26.6404, 26.3927,
38.7579

■ 72.3489, 72.9167,
98.5556

■ 17.4385, 17.1177,
26.2651

■ 94.8372, 95.9389,
127.3229

■ 10.6449, 10.3184,
16.7945

121.5605,
123.3590, 161.2053

■ 5.8941, 5.6106,
9.9277

152.8842,
155.5611, 200.6212

■ 2.8208, 2.6098,
5.2461

189.1736,
192.9299, 245.9891

■ 1.0597, 0.9316,
2.3311

230.7941,

■ 0.0000, 0.0000,

235.8496, 297.7277

0.7486

278.1110,
284.7047, 356.2554

■ 0.0000, 0.0000,
0.0000

■ 38.6158, 38.5280,
54.6916

■ 38.6158, 38.5280,
54.6916

■ 32.0967, 30.4692,
53.4803

■ 46.1216, 47.8595,
56.0978

■ 26.5196, 23.6233,
52.4528

■ 54.6491, 58.5105,
57.7042

■ 21.8420, 17.9327,
51.6010

■ 64.2361, 70.5313,
59.5191

■ 18.0163, 13.3336,
50.9149

■ 74.9172, 83.9683,
61.5498

■ 14.9907, 9.7556,
50.3838

■ 85.2717, 95.9579,
63.3183

■ 12.7078, 7.1203,
49.9954

■ 86.4041, 96.5416,
63.3712

■ 11.1020, 5.3376,
49.7359

■ 10.0963, 4.2996,
49.5886

■ 9.7178, 3.9234,
49.5359

Harmonies

Analogous

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



36.2880, 38.5280, 56.1963



38.6158, 38.5280, 54.6916



40.4768, 38.5280, 49.6444

Triad

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



38.6158, 38.5280, 54.6916



39.2160, 38.5280, 32.1513



32.3033, 38.5280, 41.0047

Complementary

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



38.6158, 38.5280, 54.6916



46.0720, 50.6343, 42.4689

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.



33.0158, 38.5280, 35.0955



38.6158, 38.5280, 54.6916



36.9535, 38.5280, 30.3419

Square

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



38.6158, 38.5280, 54.6916



40.8336, 38.5280, 36.5815



34.6936, 38.5280, 31.3598



32.7062, 38.5280, 47.8206

Rectangle

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



38.6158, 38.5280, 54.6916



41.1680, 38.5280, 45.2067



34.6936, 38.5280, 31.3598



32.4194, 38.5280, 38.8545

Sweetspot

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



38.6170, 38.5296, 54.6925



82.7054, 85.8431, 100.4895



42.7624, 47.7499, 56.2537



17.9222, 18.5524, 22.0217



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



38.6170, 38.5296, 54.6925



65.3157, 64.2408, 97.2363



41.5497, 40.0415, 54.8297



9.1123, 9.2747, 11.9821



6.4214, 2.5964, 32.5556



0.2846, 0.1188, 1.2768

Inverse Universe

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



43.8397, 41.2598, 53.2320



76.5140, 70.0962, 94.0384



42.9672, 49.0337, 42.3236



9.8831, 9.6775, 11.7733



18.8940, 9.1888, 25.7992



0.7533, 0.3652, 1.0800

Previews

White Background



This preview shows how the XYZ color 38.6158, 38.5280, 54.6916 looks on a white background.

Color Contrast Check

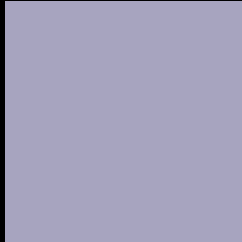
Large Text (above 18pt) WCAG AA × Fail

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 38.6158, 38.5280, 54.6916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

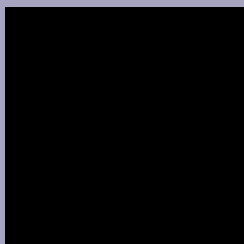
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.6158, 38.5280, 54.6916

Background



This preview shows how black text looks on a background with the XYZ color 38.6158, 38.5280, 54.6916.



This preview shows how white text looks on a background with the XYZ color 38.6158, 38.5280,

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

38.6158, 38.5280, 54.6916

Protanopia

37.8699, 38.3974, 55.2847

Deuteranopia

39.2957, 38.6139, 54.6723



Tritanopia

37.2900, 38.5264, 48.1188

Trichromacy



Original Color

38.6158, 38.5280, 54.6916

Protanomaly

38.2794, 38.6086, 55.3038

Deuteranomaly

39.0787, 38.5020, 54.6622

Tritanomaly

37.7283, 38.4362, 50.2302

Monochromacy



Original Color

38.6158, 38.5280, 54.6916

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.8036, 39.0969, 46.6283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6158, 38.5280, 54.6916 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(167, 164, 191)` looks like.

```
.text, #text, p{  
    color:rgb(167, 164, 191)  
}
```

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(167, 164, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 164, 191) }
```

Border

The CSS property to change the border of an element to XYZ 38.6158, 38.5280, 54.6916 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(167, 164, 191) }
```


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

```
.border{ border-color:rgb(167, 164, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 164, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 164, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 164, 191);  
box-shadow:4px 4px 4px 4px rgb(167, 164,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6158, 38.5280, 54.6916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 164, 191) }
```

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

```
.background{ background-color: rgb(167,  
164, 191) }
```

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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