

Converting Colors

XYZ(38.5167, 40.0445, 58.3881)

Have a look what the booklet for
XYZ(38.5167, 40.0445, 58.3881)
contains.

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Color

**XYZ(38.5533, 40.0498,
58.5217)**

Conversions

Conversions Part 1

Format	Color
Hex	9EAAC5
RGB	158, 170, 197
RGB Percent	62%, 67%, 77%
CMY	0.3804, 0.3333, 0.2274
CMYK	0.20, 0.14, 0.00, 0.23
HSL	222°, 25%, 70%
HSV	222°, 20%, 77%
XYZ	38.5533, 40.0498, 58.5217
YIQ	169.4900, -15.8190, 5.8530

Conversions

Conversions Part 2

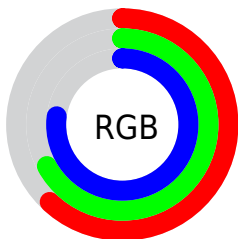
Format	Color
R _Y B	158, 167, 197
Decimal	10398405
CIE Lab	69.50, 1.57, -15.19
CIE LCh	70, 15.269, 275.885
Yxy	40.0498, 0.2812, 0.2921
Android (android.graphics.Color)	4288588485 (0xFF9EAA5)
YUV	169.4900, 13.5624, -10.0767
Hunter-Lab	63.2849, -2.0060, -10.5280

Details

The XYZ color **38.5533, 40.0498, 58.5217** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.5467, 49.0367, 39.3604**, and the grayscale version is **37.8963, 39.8698, 43.4182**.

A 20% lighter version of the original color is **72.2552, 75.1523, 104.4635**, and **17.3802, 18.0042, 28.5457** is the 20% darker color. If you saturate the color by 10%, you get **32.5594, 33.3604, 57.5471**, and if you desaturate by 10%, it is **45.4360, 47.5931, 59.6156**.

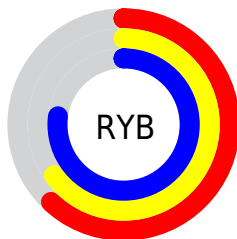
Distribution



Red (62%)

Green (67%)

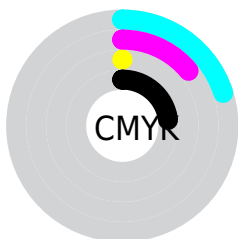
Blue (77%)



Red (62%)

Yellow (65%)

Blue (77%)

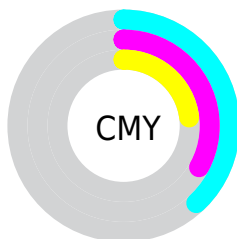


Cyan (20%)

Magenta (14%)

Yellow (0%)

Black (23%)



Cyan (38%)

Magenta (33%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5533, 40.0498, 58.5217 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 38.5533, 40.0498, 58.5217 by changing the saturation by 10% instead.

■ 38.5533, 40.0498,
58.5217

■ 38.5533, 40.0498,
58.5217

331.2275,
346.3334, 436.7795

■ 26.5916, 27.5774,
41.8107

■ 72.2539, 75.2393,
104.2045

■ 17.4017, 18.0073,
28.6287

■ 94.7234, 98.7252,
134.0133

■ 10.6184, 10.9552,
18.5569

121.4262,
126.6511, 169.0253

■ 5.8762, 6.0367,
11.1770

152.7277,
159.4013, 209.6588

■ 2.8099, 2.8674,
6.0704

188.9933,
197.3602, 256.3324

■ 1.0541, 1.0629,
2.8184

230.5882,

■ 0.0000, 0.0000,

240.9123, 309.4647

1.0027

277.8778,
290.4419, 369.4743

■ 0.0000, 0.0000,
0.0000

■ 38.5533, 40.0498,
58.5217

■ 38.5533, 40.0498,
58.5217

■ 32.5594, 33.3604,
57.5471

■ 45.4360, 47.5931,
59.6156

■ 27.4132, 27.4887,
56.6850

■ 53.2392, 56.0151,
60.8299

■ 23.0753, 22.4030,
55.9320

■ 61.9973, 65.3455,
62.1693

■ 19.5020, 18.0675,
55.2834

■ 71.7419, 75.6111,
63.6371

■ 16.6450, 14.4432,
54.7345

■ 81.9483, 86.5516,
65.2109

■ 14.4500, 11.4873,
54.2796

■ 86.0747, 94.8044,
66.5864

■ 12.8538, 9.1513,
53.9128

■ 87.0782, 96.8113,
66.9209

■ 11.7468, 7.3611,
53.6257

■ 11.7270, 7.3290,
53.6205

Harmonies

Analogous

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



36.1657, 40.0498, 57.1803



38.5533, 40.0498, 58.5217



40.9072, 40.0498, 55.5320

Triad

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



38.5533, 40.0498, 58.5217



42.0293, 40.0498, 36.1377



33.9092, 40.0498, 38.3025

Complementary

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



38.5533, 40.0498, 58.5217



46.5467, 49.0367, 39.3604

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.



35.3598, 40.0498, 33.5252



38.5533, 40.0498, 58.5217



40.0320, 40.0498, 32.3727

Square

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



38.5533, 40.0498, 58.5217



42.9689, 40.0498, 42.2328



37.5831, 40.0498, 31.4703



33.5513, 40.0498, 45.0115

Rectangle

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



38.5533, 40.0498, 58.5217



42.1189, 40.0498, 51.6566



37.5831, 40.0498, 31.4703



34.2820, 40.0498, 36.4411

Sweetspot

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



38.5545, 40.0514, 58.5226



86.3572, 90.6403, 107.5516



42.7876, 50.6903, 53.2353



18.2895, 19.1904, 22.9901



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.



38.5545, 40.0514, 58.5226



63.9492, 66.0676, 103.9896



37.8540, 36.5013, 57.8743



10.3185, 10.8111, 13.4604



7.7790, 4.9520, 35.2902



0.4334, 0.3646, 1.6927

Inverse Universe

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



42.5095, 39.2273, 43.3632



72.4511, 64.5401, 71.3465



47.3363, 53.3297, 40.1474



10.7660, 10.6898, 11.7512



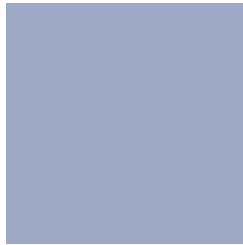
15.7258, 8.0399, 3.7661



0.7775, 0.3938, 0.3512

Previews

White Background



This preview shows how the XYZ color 38.5533, 40.0498, 58.5217 looks on a white background.

Color Contrast Check

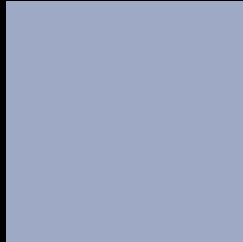
Large Text (above 18pt) WCAG AA × Fail

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 38.5533, 40.0498, 58.5217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

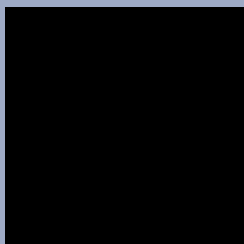
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

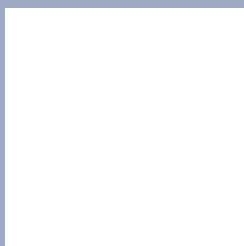
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.5533, 40.0498, 58.5217

Background



This preview shows how black text looks on a background with the XYZ color 38.5533, 40.0498, 58.5217.



This preview shows how white text looks on a background with the XYZ color 38.5533, 40.0498,

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

38.5533, 40.0498, 58.5217

Protanopia

39.4835, 39.9901, 57.8624

Deuteranopia

40.6614, 39.7581, 58.9571



Tritanopia

37.3258, 40.1181, 52.2307

Trichromacy



Original Color

38.5533, 40.0498, 58.5217

Protanomaly

39.0521, 40.0428, 57.8953

Deuteranomaly

39.9481, 39.9301, 59.0279

Tritanomaly

37.7618, 40.0116, 54.4480

Monochromacy



Original Color

38.5533, 40.0498, 58.5217

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.8417, 39.6299, 48.3027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5533, 40.0498, 58.5217 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(158, 170, 197)` looks like.

```
.text, #text, p{  
    color:rgb(158, 170, 197)  
}
```

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(158, 170, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 170, 197) }
```

Border

The CSS property to change the border of an element to XYZ 38.5533, 40.0498, 58.5217 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(158, 170, 197) }
```


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

```
.border{ border-color:rgb(158, 170, 197) }
```

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

Here you see how a box with a 4 pixel rgb(158, 170, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 170, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 170, 197);  
box-shadow:4px 4px 4px 4px rgb(158, 170,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5533, 40.0498, 58.5217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 170, 197) }
```

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

```
.background{ background-color: rgb(158,  
170, 197) }
```

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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