

Converting Colors

XYZ(38.9800, 38.0570, 60.5496)

Have a look what the booklet for
XYZ(38.9800, 38.0570, 60.5496)
contains.

XYZ(38.9800, 38.0570, 60.5496)	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(38.9800, 38.0570,
60.5496)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A2C9
RGB	165, 162, 201
RGB Percent	65%, 64%, 79%
CMY	0.3529, 0.3647, 0.2118
CMYK	0.18, 0.19, 0.00, 0.21
HSL	245°, 27%, 71%
HSV	245°, 19%, 79%
XYZ	38.9800, 38.0570, 60.5496
YIQ	167.3430, -10.7310, 12.7650

Conversions

Conversions Part 2

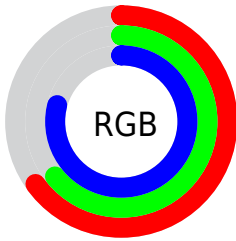
Format	Color
RYB	165, 162, 201
Decimal	10855113
CIELab	68.06, 9.14, -19.53
CIELCh	68, 21.566, 295.085
Yxy	38.0570, 0.2833, 0.2766
Android (android.graphics.Color)	4289045193 (0xFFA5A2C9)
YUV	167.3430, 16.5929, -2.0548
Hunter-Lab	61.6904, 4.8298, -15.0104

Details

The XYZ color **38.9800, 38.0570, 60.5496** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.6981, 56.3886, 42.3961**, and the grayscale version is **36.8241, 38.7418, 42.1898**.

A 20% lighter version of the original color is **72.3781, 72.0614, 104.7022**, and **17.6524, 16.7692, 29.9101** is the 20% darker color. If you saturate the color by 10%, you get **32.1352, 29.6865, 59.2953**, and if you desaturate by 10%, it is **46.9530, 47.8511, 62.0204**.

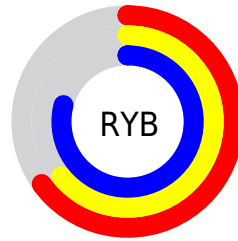
Distribution



Red (65%)

Green (64%)

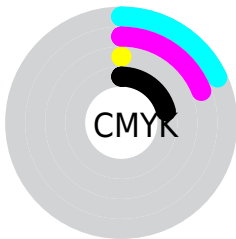
Blue (79%)



Red (65%)

Yellow (64%)

Blue (79%)

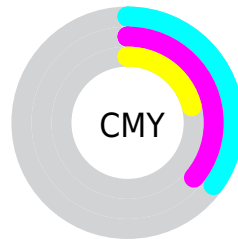


Cyan (18%)

Magenta (19%)

Yellow (0%)

Black (21%)



Cyan (35%)

Magenta (36%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.9800, 38.0570, 60.5496 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 38.9800, 38.0570, 60.5496 by changing the saturation by 10% instead.

■ 38.9800, 38.0570,
60.5496

■ 38.9800, 38.0570,
60.5496

333.0141,
337.8644, 444.4814

■ 26.9248, 26.0269,
43.4336

■ 72.9020, 72.1955,
107.1777

■ 17.6531, 16.8438,
29.8915

■ 95.4996, 95.0727,
137.5268

■ 10.7994, 10.1232,
19.5049

122.3420,
122.3344, 173.1241

■ 5.9984, 5.4807,
11.8552

153.7946,
154.3651, 214.3881

■ 2.8847, 2.5320,
6.5238

190.2228,
191.5490, 261.7372

■ 1.0931, 0.8926,
3.0922

231.9918,

■ 0.0193, 0.0000,

234.2706, 315.5901

1.1419

279.4671,
282.9143, 376.3654

■ 0.0000, 0.0000,
0.0000

■ 38.9800, 38.0570,
60.5496

■ 38.9800, 38.0570,
60.5496

■ 32.1352, 29.6865,
59.2953

■ 46.9530, 47.8511,
62.0204

■ 26.3642, 22.6688,
58.2449

■ 56.0983, 59.1259,
63.7147

■ 21.6134, 16.9343,
57.3885

■ 66.4619, 71.9409,
65.6420

■ 17.8233, 12.4052,
56.7140

■ 78.0862, 86.3511,
67.8108

■ 14.9281, 8.9951,
56.2084

■ 87.5427, 96.9971,
69.3673

■ 12.8536, 6.6063,
55.8566

■ 11.5137, 5.1241,
55.6412

■ 10.7793, 4.3584,
55.5321

■ 10.7472, 4.3225,
55.5268

Harmonies

Analogous

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



35.6215, 38.0570, 62.7344



38.9800, 38.0570, 60.5496



41.7310, 38.0570, 52.9522

Triad

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



38.9800, 38.0570, 60.5496



39.9962, 38.0570, 28.0450



30.1110, 38.0570, 39.8729

Complementary

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



38.9800, 38.0570, 60.5496



50.6981, 56.3886, 42.3961

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.



31.1301, 38.0570, 31.7264



38.9800, 38.0570, 60.5496



36.7283, 38.0570, 25.6052

Square

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



38.9800, 38.0570, 60.5496



42.3427, 38.0570, 34.0797



33.5023, 38.0570, 26.8410



30.6321, 38.0570, 49.7850

Rectangle

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



38.9800, 38.0570, 60.5496



42.7791, 38.0570, 46.3833



33.5023, 38.0570, 26.8410



30.2829, 38.0570, 36.8566

Sweetspot

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



38.9812, 38.0586, 60.5505



85.3553, 88.0427, 107.1030



45.7296, 52.4706, 62.9766



18.0535, 18.5785, 22.8844



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.



38.9812, 38.0586, 60.5505



61.9187, 59.2560, 102.7818



43.2553, 40.2619, 60.7505



10.1310, 10.3258, 13.3766



6.7882, 2.7337, 34.9142



0.3482, 0.1433, 1.6544

Inverse Universe

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



47.2019, 42.3369, 59.1115



78.3913, 67.8309, 99.8069



45.9766, 53.9546, 42.1751



11.0466, 10.8020, 13.2284



20.7028, 10.0307, 29.9746



0.9910, 0.4792, 1.4758

Previews

White Background



This preview shows how the XYZ color 38.9800, 38.0570, 60.5496 looks on a white background.

Color Contrast Check

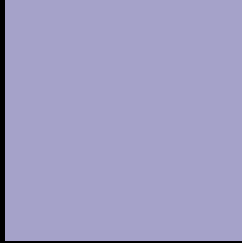
Large Text (above 18pt) WCAG AA × Fail

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 38.9800, 38.0570, 60.5496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

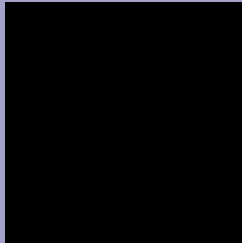
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.9800, 38.0570, 60.5496

Background



This preview shows how black text looks on a background with the XYZ color 38.9800, 38.0570, 60.5496.



This preview shows how white text looks on a background with the XYZ color 38.9800, 38.0570,

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

38.9800, 38.0570, 60.5496

Protanopia

37.9596, 38.0308, 61.8399

Deuteranopia

38.7728, 37.9502, 60.5399



Tritanopia

36.4708, 38.1042, 48.0804

Trichromacy



Original Color

38.9800, 38.0570, 60.5496

Protanomaly

38.2551, 37.9322, 61.1825

Deuteranomaly

38.7728, 37.9502, 60.5399

Tritanomaly

37.3251, 38.1795, 52.4158

Monochromacy



Original Color

38.9800, 38.0570, 60.5496

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.3177, 38.2719, 48.0682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9800, 38.0570, 60.5496 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(165, 162, 201)` looks like.

```
.text, #text, p{  
    color:rgb(165, 162, 201)  
}
```

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(165, 162, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 162, 201) }
```

Border

The CSS property to change the border of an element to XYZ 38.9800, 38.0570, 60.5496 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(165, 162, 201) }
```


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

```
.border{ border-color:rgb(165, 162, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 162, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 162, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 162, 201);  
box-shadow:4px 4px 4px 4px rgb(165, 162,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9800, 38.0570, 60.5496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 162, 201) }
```

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

```
.background{ background-color: rgb(165,  
162, 201) }
```

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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