

Converting Colors

XYZ(40.3938, 38.9017, 58.9962)

Have a look what the booklet for
XYZ(40.3938, 38.9017, 58.9962)
contains.

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Color

**XYZ(40.3470, 38.8021,
58.7891)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA2C6
RGB	173, 162, 198
RGB Percent	68%, 64%, 78%
CMY	0.3216, 0.3647, 0.2235
CMYK	0.13, 0.18, 0.00, 0.22
HSL	258°, 24%, 71%
HSV	258°, 18%, 78%
XYZ	40.3470, 38.8021, 58.7891
YIQ	169.3930, -5.0000, 13.5280

Conversions

Conversions Part 2

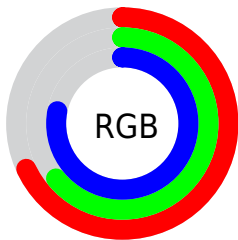
Format	Color
RYB	173, 162, 198
Decimal	11379398
CIELab	68.61, 11.09, -16.98
CIELCh	69, 20.281, 303.137
Yxy	38.8021, 0.2925, 0.2813
Android (android.graphics.Color)	4289569478 (0xFFADA2C6)
YUV	169.3930, 14.1033, 3.1633
Hunter-Lab	62.2913, 6.6072, -12.3526

Details

The XYZ color **40.3470, 38.8021, 58.7891** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.2104, 53.5625, 42.0345**, and the grayscale version is **37.8417, 39.8125, 43.3558**.

A 20% lighter version of the original color is **75.1760, 73.5037, 104.8332**, and **18.3557, 17.1585, 28.7300** is the 20% darker color. If you saturate the color by 10%, you get **34.2445, 30.8806, 57.5823**, and if you desaturate by 10%, it is **47.3140, 47.9865, 60.1953**.

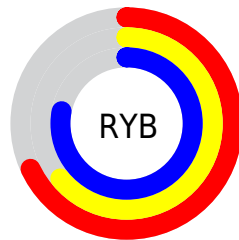
Distribution



Red (68%)

Green (64%)

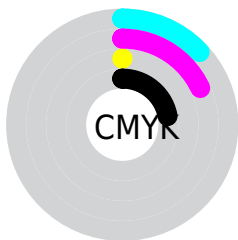
Blue (78%)



Red (68%)

Yellow (64%)

Blue (78%)

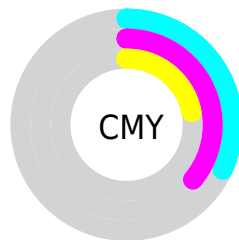


Cyan (13%)

Magenta (18%)

Yellow (0%)

Black (22%)



Cyan (32%)

Magenta (36%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.3470, 38.8021, 58.7891 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 40.3470, 38.8021, 58.7891 by changing the saturation by 10% instead.

■ 40.3470, 38.8021,
58.7891

■ 40.3470, 38.8021,
58.7891

338.6934,
341.0484, 437.8000

■ 27.9946, 26.6058,
42.0245

■ 74.9726, 73.3359,
104.5972

■ 18.4620, 17.2774,
28.7947

■ 97.9765, 96.4422,
134.4777

■ 11.3839, 10.4325,
18.6814

125.2617,
123.9539, 169.5673

■ 6.3949, 5.6866,
11.2658

157.1934,
156.2555, 210.2845

■ 3.1296, 2.6555,
6.1295

194.1371,
193.7314, 257.0478

■ 1.2226, 0.9546,
2.8539

236.4581,

■ 0.1241, 0.0000,

236.7659, 310.2758

1.0205

284.5217,
285.7434, 370.3870

■ 0.0000, 0.0000,
0.0000

■ 40.3470, 38.8021,
58.7891

■ 40.3470, 38.8021,
58.7891

■ 34.2445, 30.8806,
57.5823

■ 47.3140, 47.9865,
60.1953

■ 28.9679, 24.1610,
56.5634

■ 55.1749, 58.4814,
61.8067

■ 24.4808, 18.5845,
55.7236

■ 63.9620, 70.3381,
63.6321

■ 20.7426, 14.0853,
55.0522

■ 73.7051, 83.6034,
65.6791

■ 17.7088, 10.5907,
54.5375

■ 82.4869, 94.4311,
67.3062

■ 15.3296, 8.0186,
54.1665

■ 87.1932, 96.8573,
67.5264

■ 13.5480, 6.2735,
53.9235

■ 12.2821, 5.2122,
53.7854

■ 12.0868, 5.0534,
53.7650

Harmonies

Analogous

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



37.2180, 38.8021, 62.3997



40.3470, 38.8021, 58.7891



42.6460, 38.8021, 50.7220

Triad

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



40.3470, 38.8021, 58.7891



39.7309, 38.8021, 28.3979



31.0713, 38.8021, 43.2206

Complementary

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



40.3470, 38.8021, 58.7891



47.2104, 53.5625, 42.0345

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.



31.6590, 38.8021, 34.7762



40.3470, 38.8021, 58.7891



36.5445, 38.8021, 26.9833

Square

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



40.3470, 38.8021, 58.7891



42.2762, 38.8021, 33.3297



33.6180, 38.8021, 29.1444



31.9642, 38.8021, 52.6323

Rectangle

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



40.3470, 38.8021, 58.7891



43.3326, 38.8021, 44.3897



33.6180, 38.8021, 29.1444



31.1024, 38.8021, 40.1780

Sweetspot

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



40.3482, 38.8037, 58.7900



87.9337, 90.4924, 107.4399



42.9074, 47.3854, 60.3115



18.6145, 19.0935, 22.9543



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.



40.3482, 38.8037, 58.7900



66.7813, 62.6259, 103.1760



44.5501, 40.9699, 58.9866



10.3564, 10.4420, 13.3872



7.9375, 3.3262, 34.9680



0.4507, 0.1961, 1.6592

Inverse Universe

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



45.1799, 41.4358, 52.6318



77.0524, 68.2256, 89.8885



43.1220, 51.4549, 41.8432



10.9398, 10.7593, 12.6661



18.1449, 9.0075, 16.5047



0.8904, 0.4390, 0.9458

Previews

White Background



This preview shows how the XYZ color 40.3470, 38.8021, 58.7891 looks on a white background.

Color Contrast Check

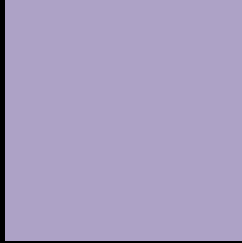
Large Text (above 18pt) WCAG AA × Fail

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 40.3470, 38.8021, 58.7891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

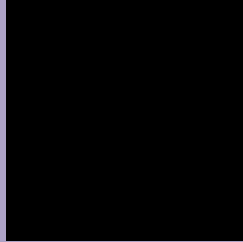
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.3470, 38.8021, 58.7891

Background



This preview shows how black text looks on a background with the XYZ color 40.3470, 38.8021, 58.7891.



This preview shows how white text looks on a background with the XYZ color 40.3470, 38.8021,

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

40.3470, 38.8021, 58.7891

Protanopia

38.6760, 38.9631, 60.7405

Deuteranopia

39.6524, 38.7066, 58.8073



Tritanopia

38.0686, 38.6707, 47.5772

Trichromacy



Original Color

40.3470, 38.8021, 58.7891

Protanomaly

39.3975, 39.0797, 60.1103

Deuteranomaly

39.8678, 38.8177, 58.8174

Tritanomaly

38.8270, 38.7116, 51.3246

Monochromacy



Original Color

40.3470, 38.8021, 58.7891

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.4520, 39.1138, 48.7031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3470, 38.8021, 58.7891 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(173, 162, 198)` looks like.

```
.text, #text, p{  
    color:rgb(173, 162, 198)  
}
```

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(173, 162, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 162, 198) }
```

Border

The CSS property to change the border of an element to XYZ 40.3470, 38.8021, 58.7891 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(173, 162, 198) }
```


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

```
.border{ border-color:rgb(173, 162, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 162, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 162, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 162, 198);  
box-shadow:4px 4px 4px 4px rgb(173, 162,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3470, 38.8021, 58.7891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 162, 198) }
```

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

```
.background{ background-color: rgb(173,  
162, 198) }
```

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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