

Converting Colors

XYZ(38.5975, 33.9019, 52.4502)

Have a look what the booklet for
XYZ(38.5975, 33.9019, 52.4502)
contains.

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Color

**XYZ(38.6021, 33.8700,
52.6471)**

Conversions

Conversions Part 1

Format	Color
Hex	B691BD
RGB	182, 145, 189
RGB Percent	71%, 57%, 74%
CMY	0.2863, 0.4314, 0.2588
CMYK	0.04, 0.23, 0.00, 0.26
HSL	290°, 25%, 65%
HSV	290°, 23%, 74%
XYZ	38.6021, 33.8700, 52.6471
YIQ	161.0790, 7.9280, 21.5280

Conversions

Conversions Part 2

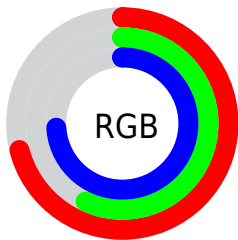
Format	Color
R _Y B	182, 145, 189
Decimal	11964861
CIE _{Lab}	64.86, 21.75, -17.56
CIE _{LCh}	65, 27.954, 321.073
Yxy	33.8700, 0.3085, 0.2707
Android (android.graphics.Color)	4290154941 (0xFFB691BD)
YUV	161.0790, 13.7651, 18.3477
Hunter-Lab	58.1979, 16.5508, -12.8964

Details

The XYZ color **38.6021, 33.8700, 52.6471** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **36.2585, 45.1158, 33.5869**, and the grayscale version is **33.8493, 35.6121, 38.7816**.

A 20% lighter version of the original color is **72.1647, 65.6166, 95.2480**, and **17.4999, 14.4501, 25.1594** is the 20% darker color. If you saturate the color by 10%, you get **35.2487, 28.2055, 51.7310**, and if you desaturate by 10%, it is **42.4533, 40.5061, 53.7255**.

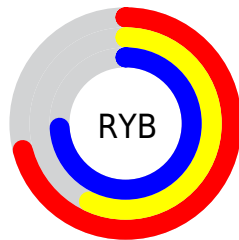
Distribution



Red (71%)

Green (57%)

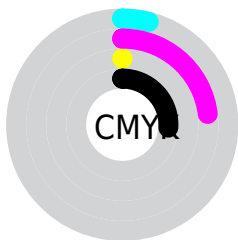
Blue (74%)



Red (71%)

Yellow (57%)

Blue (74%)

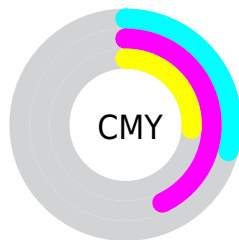


Cyan (4%)

Magenta (23%)

Yellow (0%)

Black (26%)



Cyan (29%)

Magenta (43%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.6021, 33.8700, 52.6471 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 38.6021, 33.8700, 52.6471 by changing the saturation by 10% instead.

■ 38.6021, 33.8700,
52.6471

■ 38.6021, 33.8700,
52.6471

331.4322,
319.5520, 413.9575

■ 26.6297, 22.7937,
37.1353

■ 72.3280, 65.7315,
95.5212

■ 17.4304, 14.4413,
25.0157

■ 94.8122, 87.2855,
123.7205

■ 10.6390, 8.4282,
15.8696

121.5311,
113.1008, 156.9862

■ 5.8902, 4.3702,
9.2786

152.8499,
143.5619, 195.7366

■ 2.8184, 1.8827,
4.8240

189.1341,
179.0532, 240.3905

■ 1.0585, 0.5379,
2.0875

230.7489,

■ 0.0000, 0.0000,

219.9591, 291.3662

0.6083

278.0599,
266.6639, 349.0824

■ 0.0000, 0.0000,
0.0000

■ 38.6021, 33.8700,
52.6471

■ 38.6021, 33.8700,
52.6471

■ 35.2487, 28.2055,
51.7310

■ 42.4533, 40.5061,
53.7255

■ 32.3661, 23.4608,
50.9671

■ 46.8213, 48.1537,
54.9714

■ 29.9295, 19.5857,
50.3475

■ 51.7280, 56.8558,
56.3925

■ 27.9104, 16.5234,
49.8629

■ 57.1930, 66.6516,
57.9952

■ 26.2771, 14.2106,
49.5026

■ 63.2351, 77.5781,
59.7858

■ 24.9930, 12.5743,
49.2544

■ 68.7761, 87.4794,
61.4049

■ 24.0141, 11.5267,
49.1038

■ 69.5874, 87.8976,
61.4429

■ 23.4701, 11.0382,
49.0382

■ 70.4146, 88.3240,
61.4816

■ 71.2577, 88.7586,
61.5210

Harmonies

Analogous

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



35.0586, 33.8700, 61.6932



38.6021, 33.8700, 52.6471



40.4668, 33.8700, 40.4292

Triad

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



38.6021, 33.8700, 52.6471



33.4094, 33.8700, 19.0181



25.4920, 33.8700, 45.4438

Complementary

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



38.6021, 33.8700, 52.6471



36.2585, 45.1158, 33.5869

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.



25.1307, 33.8700, 33.5423



38.6021, 33.8700, 52.6471



29.4869, 33.8700, 19.8101

Square

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



38.6021, 33.8700, 52.6471



37.3088, 33.8700, 22.1730



26.5347, 33.8700, 24.6224



27.5666, 33.8700, 56.9683

Rectangle

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



38.6021, 33.8700, 52.6471



40.4081, 33.8700, 32.7801



26.5347, 33.8700, 24.6224



25.1734, 33.8700, 41.3054

Sweetspot

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



38.6031, 33.8715, 52.6478



80.7453, 80.7728, 97.5612



32.1462, 32.2603, 52.6772



17.2622, 17.1916, 20.9511



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



38.6031, 33.8715, 52.6478



65.9238, 55.2062, 93.4075



38.7852, 34.1401, 44.7615



9.7769, 9.6174, 12.0132



15.8448, 7.4544, 32.9966



0.6613, 0.3129, 1.2944

Inverse Universe

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



36.7803, 33.3381, 34.2037



62.1489, 54.1224, 54.2751



36.1919, 44.9422, 39.8736



9.5904, 9.5605, 10.2321



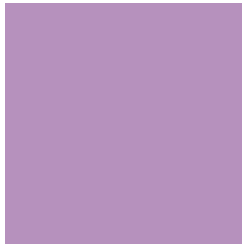
14.2973, 7.3501, 1.5935



0.5798, 0.2958, 0.1663

Previews

White Background



This preview shows how the XYZ color 38.6021, 33.8700, 52.6471 looks on a white background.

Color Contrast Check

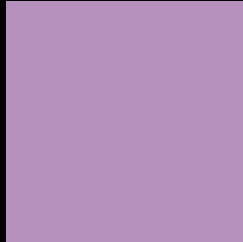
Large Text (above 18pt) WCAG AA × Fail

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 38.6021, 33.8700, 52.6471 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 38.6021, 33.8700, 52.6471

Background



This preview shows how black text looks on a background with the XYZ color 38.6021, 33.8700, 52.6471.



This preview shows how white text looks on a background with the XYZ color 38.6021, 33.8700,

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

38.6021, 33.8700, 52.6471

Protanopia

34.1793, 34.1041, 57.6046

Deuteranopia

34.6258, 33.9682, 51.7452



Tritanopia

35.7880, 33.8863, 38.8369

Trichromacy



Original Color

38.6021, 33.8700, 52.6471

Protanomaly

35.4630, 33.8251, 55.6987

Deuteranomaly

36.0801, 33.9795, 52.2340

Tritanomaly

36.6267, 33.7421, 43.6122

Monochromacy



Original Color

38.6021, 33.8700, 52.6471

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

35.4342, 34.8180, 43.3810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6021, 33.8700, 52.6471 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, 145, 189)` looks like.

```
.text, #text, p{  
    color:rgb(182, 145, 189)  
}
```

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, 145, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 145, 189) }
```

Border

The CSS property to change the border of an element to XYZ 38.6021, 33.8700, 52.6471 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, 145, 189) }
```


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

```
.border{ border-color:rgb(182, 145, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 145, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 145, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 145, 189);  
box-shadow:4px 4px 4px 4px rgb(182, 145,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6021, 33.8700, 52.6471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 145, 189) }
```

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

```
.background{ background-color: rgb(182,  
145, 189) }
```

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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