

Converting Colors

XYZ(38.4106, 33.7869, 54.6530)

Have a look what the booklet for
XYZ(38.4106, 33.7869, 54.6530)
contains.

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Color

**XYZ(38.2302, 33.6403,
54.3474)**

Conversions

Conversions Part 1

Format	Color
Hex	B391C0
RGB	179, 145, 192
RGB Percent	70%, 57%, 75%
CMY	0.2980, 0.4314, 0.2471
CMYK	0.07, 0.24, 0.00, 0.25
HSL	283°, 27%, 66%
HSV	283°, 24%, 75%
XYZ	38.2302, 33.6403, 54.3474
YIQ	160.5240, 5.1770, 21.8250

Conversions

Conversions Part 2

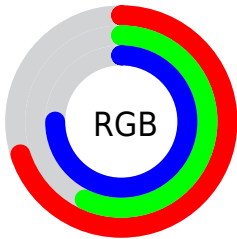
Format	Color
R_{YB}	179, 145, 192
Decimal	11768256
CIE _{Lab}	64.68, 21.34, -19.55
CIE _{LCh}	65, 28.945, 317.508
Yxy	33.6403, 0.3029, 0.2665
Android (android.graphics.Color)	4289958336 (0xFFB391C0)
YUV	160.5240, 15.5177, 16.2035
Hunter-Lab	58.0003, 16.1558, -14.9557

Details

The XYZ color **38.2302, 33.6403, 54.3474** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.0622, 47.0136, 33.8582**, and the grayscale version is **33.5853, 35.3343, 38.4791**.

A 20% lighter version of the original color is **71.6277, 65.2863, 97.6333**, and **17.1943, 14.2760, 25.8941** is the 20% darker color. If you saturate the color by 10%, you get **34.3370, 27.6406, 53.3950**, and if you desaturate by 10%, it is **42.6686, 40.6588, 55.4687**.

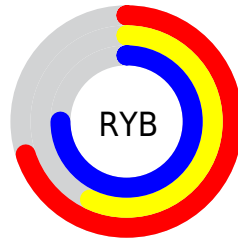
Distribution



Red (70%)

Green (57%)

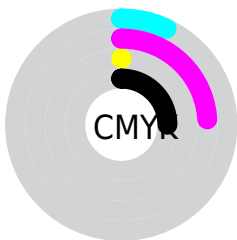
Blue (75%)



Red (70%)

Yellow (57%)

Blue (75%)

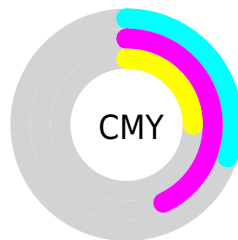


Cyan (7%)

Magenta (24%)

Yellow (0%)

Black (25%)



Cyan (30%)


Magenta (43%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.2302, 33.6403, 54.3474 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 38.2302, 33.6403, 54.3474 by changing the saturation by 10% instead.


 38.2302, 33.6403,
54.3474

 38.2302, 33.6403,
54.3474

329.8702,
318.5252, 420.6454

 26.3394, 22.6174,
38.4844


 71.7625, 65.3739,
98.0457

 17.2118, 14.3113,
26.0541


 94.1347, 86.8534,
126.7180

 10.4818, 8.3375,
16.6380


120.7314,
112.5873, 160.4973

 5.7843, 4.3116,
9.8175

151.9180,
142.9598, 199.8019

 2.7538, 1.8494,
5.1741

188.0598,
178.3555, 245.0505

 1.0249, 0.5177,
2.2893

229.5222,

 0.0000, 0.0000,

219.1587, 296.6616

0.7252

276.6706,
265.7538, 355.0537

■ 0.0000, 0.0000,
0.0000

■ 38.2302, 33.6403,
54.3474

■ 38.2302, 33.6403,
54.3474

■ 34.3370, 27.6406,
53.3950

■ 42.6686, 40.6588,
55.4687

■ 30.9604, 22.6054,
52.6011

■ 47.6727, 48.7385,
56.7645

■ 28.0739, 18.4816,
51.9573

■ 53.2657, 57.9243,
58.2427

■ 25.6470, 15.2093,
51.4536

■ 59.4687, 68.2576,
59.9103

■ 23.6457, 12.7214,
51.0788

■ 66.3015, 79.7774,
61.7737

■ 22.0309, 10.9401,
50.8201

■ 72.1002, 89.1550,
63.2782

■ 20.7551, 9.7715,
50.6618

■ 73.6458, 89.9517,
63.3505

■ 20.1440, 9.2855,
50.6002

■ 75.2421, 90.7747,
63.4252

■ 76.8897, 91.6240,
63.5023

Harmonies

Analogous

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



34.4367, 33.6403, 63.0496



38.2302, 33.6403, 54.3474



40.4200, 33.6403, 41.8006

Triad

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



38.2302, 33.6403, 54.3474



33.7324, 33.6403, 18.5321



24.9481, 33.6403, 43.9472

Complementary

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



38.2302, 33.6403, 54.3474



38.0622, 47.0136, 33.8582

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.



24.7952, 33.6403, 31.9018



38.2302, 33.6403, 54.3474



29.6318, 33.6403, 18.8629

Square

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



38.2302, 33.6403, 54.3474



37.6763, 33.6403, 22.2224



26.4407, 33.6403, 23.2520



26.8784, 33.6403, 56.2090

Rectangle

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



38.2302, 33.6403, 54.3474



40.5611, 33.6403, 33.7213



26.4407, 33.6403, 23.2520



24.6935, 33.6403, 39.6983

Sweetspot

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



38.2313, 33.6417, 54.3481



83.8886, 84.2620, 102.2031



33.4738, 34.3889, 54.7431



17.8762, 17.8815, 21.8946



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.



38.2313, 33.6417, 54.3481



65.6330, 55.3088, 97.5767



40.2892, 34.8285, 48.7566



10.2169, 10.1030, 12.6964



13.6331, 6.2885, 34.0519



0.6528, 0.3046, 1.4743

Inverse Universe

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



38.0363, 33.9274, 36.8933



65.3281, 55.9726, 60.4697



36.4597, 46.0926, 38.0678



10.1851, 10.1227, 11.0655



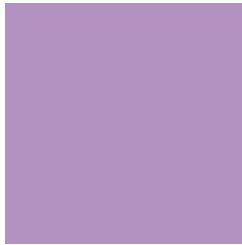
15.0904, 7.7259, 3.1220



0.6822, 0.3459, 0.2941

Previews

White Background



This preview shows how the XYZ color 38.2302, 33.6403, 54.3474 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 38.2302, 33.6403, 54.3474 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 38.2302, 33.6403, 54.3474

Background



This preview shows how black text looks on a background with the XYZ color 38.2302, 33.6403, 54.3474.



This preview shows how white text looks on a background with the XYZ color 38.2302, 33.6403,

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

38.2302, 33.6403, 54.3474

Protanopia

33.8842, 33.6772, 58.7473

Deuteranopia

34.5602, 33.8968, 53.4364



Tritanopia

35.1071, 33.5353, 38.8050

Trichromacy



Original Color

38.2302, 33.6403, 54.3474

Protanomaly

35.1310, 33.3878, 56.8174

Deuteranomaly

35.7804, 33.7873, 53.9260

Tritanomaly

36.0372, 33.4270, 44.0879

Monochromacy



Original Color

38.2302, 33.6403, 54.3474

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

35.3162, 34.7461, 43.8750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2302, 33.6403, 54.3474 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(179, 145, 192)` looks like.

```
.text, #text, p{  
    color:rgb(179, 145, 192)  
}
```

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(179, 145, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 145, 192) }
```

Border

The CSS property to change the border of an element to XYZ 38.2302, 33.6403, 54.3474 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(179, 145, 192) }
```


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

```
.border{ border-color:rgb(179, 145, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 145, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 145, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 145, 192);  
box-shadow:4px 4px 4px 4px rgb(179, 145,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2302, 33.6403, 54.3474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 145, 192) }
```

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

```
.background{ background-color: rgb(179,  
145, 192) }
```

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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