

Converting Colors

XYZ(38.2574, 34.4524, 50.7697)

Have a look what the booklet for
XYZ(38.2574, 34.4524, 50.7697)
contains.

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Color

**XYZ(38.1693, 34.3859,
50.5243)**

Conversions

Conversions Part 1

Format	Color
Hex	B494B9
RGB	180, 148, 185
RGB Percent	71%, 58%, 73%
CMY	0.2941, 0.4196, 0.2745
CMYK	0.03, 0.20, 0.00, 0.27
HSL	292°, 21%, 65%
HSV	292°, 20%, 73%
XYZ	38.1693, 34.3859, 50.5243
YIQ	161.7860, 7.1950, 18.2910

Conversions

Conversions Part 2

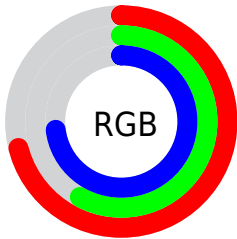
Format	Color
RYB	180, 148, 185
Decimal	11834553
CIELab	65.27, 18.60, -14.72
CIElCh	65, 23.718, 321.635
Yxy	34.3859, 0.3101, 0.2794
Android (android.graphics.Color)	4290024633 (0xFFB494B9)
YUV	161.7860, 11.4445, 15.9737
Hunter-Lab	58.6395, 13.5691, -10.0371

Details

The XYZ color **38.1693, 34.3859, 50.5243** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **35.8322, 43.6091, 34.5475**, and the grayscale version is **34.1893, 35.9698, 39.1711**.

A 20% lighter version of the original color is **71.5898, 66.4248, 92.2672**, and **17.1919, 14.7274, 23.7663** is the 20% darker color. If you saturate the color by 10%, you get **34.9198, 28.7426, 49.6068**, and if you desaturate by 10%, it is **41.8951, 40.9652, 51.5984**.

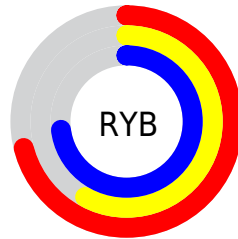
Distribution



Red (71%)

Green (58%)

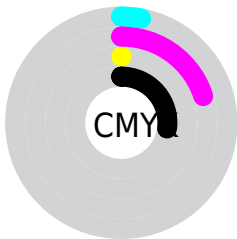
Blue (73%)



Red (71%)

Yellow (58%)

Blue (73%)

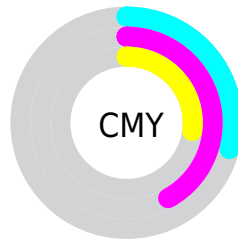


Cyan (3%)

Magenta (20%)

Yellow (0%)

Black (27%)



Cyan (29%)


Magenta (42%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.1693, 34.3859, 50.5243 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 38.1693, 34.3859, 50.5243 by changing the saturation by 10% instead.


 38.1693, 34.3859,
50.5243

 38.1693, 34.3859,
50.5243

329.6140,
321.8494, 405.5064

 26.2919, 23.1902,
35.4561


 71.6698, 66.5333,
92.3555

 17.1760, 14.7340,
23.7280


 94.0236, 88.2539,
119.9556

 10.4561, 8.6329,
14.9217


120.6003,
114.2515, 152.5700

 5.7670, 4.5025,
8.6184

151.7652,
144.9105, 190.6173

 2.7432, 1.9585,
4.3997

187.8836,
180.6155, 234.5161

 1.0195, 0.5832,
1.8471

229.3210,

 0.0000, 0.0000,

221.7506, 284.6848

0.4588

276.4427,
268.7005, 341.5421

■ 0.0000, 0.0000,
0.0000

■ 38.1693, 34.3859,
50.5243

■ 38.1693, 34.3859,
50.5243

■ 34.9198, 28.7426,
49.6068

■ 41.8951, 40.9652,
51.5984

■ 32.1215, 23.9867,
48.8363

■ 46.1148, 48.5169,
52.8336

■ 29.7516, 20.0723,
48.2057

■ 50.8486, 57.0814,
54.2372

■ 27.7841, 16.9472,
47.7062

■ 56.1149, 66.6950,
55.8153

■ 26.1900, 14.5536,
47.3282

■ 61.9311, 77.3924,
57.5735

■ 24.9363, 12.8258,
47.0607

■ 67.0229, 86.6250,
59.0872

■ 23.9842, 11.6861,
46.8909

■ 67.6743, 86.9608,
59.1177

■ 23.2549, 10.9768,
46.7925

■ 68.3366, 87.3022,
59.1487

■ 23.2547, 10.9766,
46.7925

■ 69.0097, 87.6493,
59.1802

Harmonies

Analogous

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



35.1921, 34.3859, 58.0406



38.1693, 34.3859, 50.5243



39.7007, 34.3859, 40.2750

Triad

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



38.1693, 34.3859, 50.5243



33.6581, 34.3859, 21.6041



26.8919, 34.3859, 44.8970

Complementary

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



38.1693, 34.3859, 50.5243



35.8322, 43.6091, 34.5475

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.



26.5448, 34.3859, 34.7421



38.1693, 34.3859, 50.5243



30.2957, 34.3859, 22.4019

Square

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



38.1693, 34.3859, 50.5243



36.9788, 34.3859, 24.4239



27.7489, 34.3859, 26.8361



28.7330, 34.3859, 54.4141

Rectangle

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



38.1693, 34.3859, 50.5243



39.6259, 34.3859, 33.7353



27.7489, 34.3859, 26.8361



26.6021, 34.3859, 41.4073

Sweetspot

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



38.1703, 34.3874, 50.5250



77.8731, 78.4310, 93.2390



32.4526, 32.7632, 50.5129



16.6848, 16.7240, 20.0703



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



38.1703, 34.3874, 50.5250



65.7017, 56.9433, 89.7329



38.0497, 34.4760, 43.7050



9.2584, 9.0996, 11.3479



15.8791, 7.4972, 31.8632



0.5931, 0.2815, 1.1248

Inverse Universe

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



36.3484, 33.7955, 34.7458



61.8849, 55.7145, 56.1763



35.9915, 43.5661, 40.2086



9.0527, 9.0315, 9.6250



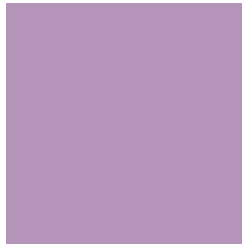
13.7589, 7.0773, 1.3513



0.5010, 0.2559, 0.1318

Previews

White Background



This preview shows how the XYZ color 38.1693, 34.3859, 50.5243 looks on a white background.

Color Contrast Check

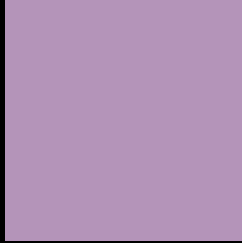
Large Text (above 18pt) WCAG AA × Fail

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 38.1693, 34.3859, 50.5243 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

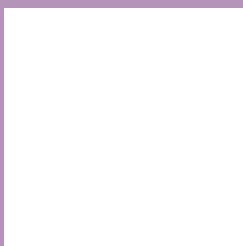
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.1693, 34.3859, 50.5243

Background



This preview shows how black text looks on a background with the XYZ color 38.1693, 34.3859, 50.5243.



This preview shows how white text looks on a background with the XYZ color 38.1693, 34.3859,

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

38.1693, 34.3859, 50.5243

Protanopia

34.2234, 34.4548, 54.1369

Deuteranopia

35.2734, 34.5848, 50.1638



Tritanopia

36.0605, 34.4839, 39.8774

Trichromacy



Original Color

38.1693, 34.3859, 50.5243

Protanomaly

35.6412, 34.4667, 52.9184

Deuteranomaly

36.2422, 34.3522, 50.0679

Tritanomaly

36.8731, 34.5768, 43.7603

Monochromacy



Original Color

38.1693, 34.3859, 50.5243

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.6749, 35.4512, 42.9927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1693, 34.3859, 50.5243 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(180, 148, 185)` looks like.

```
.text, #text, p{  
    color:rgb(180, 148, 185)  
}
```

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(180, 148, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 148, 185) }
```

Border

The CSS property to change the border of an element to XYZ 38.1693, 34.3859, 50.5243 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(180, 148, 185) }
```


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

```
.border{ border-color:rgb(180, 148, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 148, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 148, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 148, 185);  
box-shadow:4px 4px 4px 4px rgb(180, 148,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1693, 34.3859, 50.5243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 148, 185) }
```

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

```
.background{ background-color: rgb(180,  
148, 185) }
```

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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