

Converting Colors

XYZ(37.9404, 34.2597, 48.8130)

Have a look what the booklet for
XYZ(37.9404, 34.2597, 48.8130)
contains.

XYZ(38.0895, 34.3810, 48.8846)	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(38.0895, 34.3810,
48.8846)**

Conversions

Conversions Part 1

Format	Color
Hex	B594B6
RGB	181, 148, 182
RGB Percent	71%, 58%, 71%
CMY	0.2902, 0.4196, 0.2863
CMYK	0.01, 0.19, 0.00, 0.29
HSL	298°, 19%, 65%
HSV	298°, 19%, 71%
XYZ	38.0895, 34.3810, 48.8846
YIQ	161.7430, 8.7540, 17.5700

Conversions

Conversions Part 2

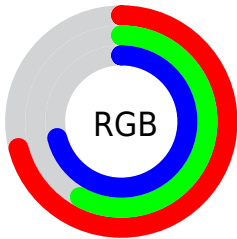
Format	Color
R _Y B	181, 148, 182
Decimal	11900086
CIE Lab	65.26, 18.36, -13.03
CIE LCh	65, 22.513, 324.623
Yxy	34.3810, 0.3139, 0.2833
Android (android.graphics.Color)	4290090166 (0xFFB594B6)
YUV	161.7430, 9.9867, 16.8884
Hunter-Lab	58.6353, 13.3418, -8.3857

Details

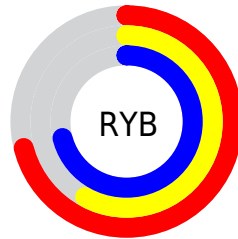
The XYZ color **38.0895, 34.3810, 48.8846** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **34.4689, 41.9844, 34.3058**, and the grayscale version is **34.1753, 35.9551, 39.1551**.

A 20% lighter version of the original color is **71.4782, 66.4186, 89.9417**, and **17.1392, 14.7236, 22.7075** is the 20% darker color. If you saturate the color by 10%, you get **35.3313, 29.0500, 48.0015**, and if you desaturate by 10%, it is **41.2991, 40.6129, 49.9188**.

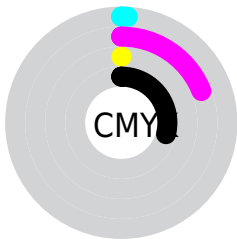
Distribution



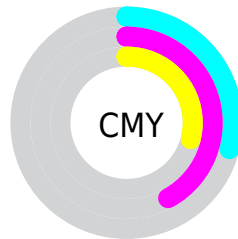
- Red (71%)
- Green (58%)
- Blue (71%)



- Red (71%)
- Yellow (58%)
- Blue (71%)



- Cyan (1%)
- Magenta (19%)
- Yellow (0%)
- Black (29%)



- Cyan (29%)
- Magenta (42%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.0895, 34.3810, 48.8846 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 38.0895, 34.3810, 48.8846 by changing the saturation by 10% instead.

■ 38.0895, 34.3810,
48.8846

■ 38.0895, 34.3810,
48.8846

329.2780,
321.8276, 398.8972

■ 26.2297, 23.1864,
34.1630

■ 71.5483, 66.5257,
89.8992

■ 17.1291, 14.7312,
22.7405

■ 93.8780, 88.2447,
117.0294

■ 10.4225, 8.6310,
14.1985

120.4284,
114.2405, 149.1327

■ 5.7444, 4.5013,
8.1185

151.5648,
144.8977, 186.6279

■ 2.7294, 1.9577,
4.0820

187.6526,
180.6007, 229.9334

■ 1.0124, 0.5827,
1.6704

229.0572,

■ 0.0000, 0.0000,

221.7337, 279.4677

0.3404

276.1439,
268.6812, 335.6495

■ 0.0000, 0.0000,
0.0000

■ 38.0895, 34.3810,
48.8846

■ 38.0895, 34.3810,
48.8846

■ 35.3313, 29.0500,
48.0015

■ 41.2991, 40.6129,
49.9188

■ 33.0006, 24.5736,
47.2603

■ 44.9765, 47.7805,
51.1085

■ 31.0756, 20.9082,
46.6543

■ 49.1412, 55.9218,
52.4604

■ 29.5318, 18.0045,
46.1752

■ 53.8106, 65.0719,
53.9804

■ 28.3419, 15.8077,
45.8138

■ 59.0013, 75.2636,
55.6741

■ 27.4749, 14.2559,
45.5600

■ 64.0215, 85.1140,
57.3108

■ 26.8943, 13.2765,
45.4016

■ 64.1502, 85.1803,
57.3168

■ 26.5376, 12.7440,
45.3176

■ 64.2793, 85.2468,
57.3229

■ 26.4955, 12.6835,
45.3081

■ 64.4089, 85.3136,
57.3289

Harmonies

Analogous

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



35.3742, 34.3810, 56.3524



38.0895, 34.3810, 48.8846



39.3612, 34.3810, 39.1518

Triad

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



38.0895, 34.3810, 48.8846



33.2722, 34.3810, 22.1900



27.2783, 34.3810, 45.4680

Complementary

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



38.0895, 34.3810, 48.8846



34.4689, 41.9844, 34.3058

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.



26.7978, 34.3810, 35.7693



38.0895, 34.3810, 48.8846



30.1226, 34.3810, 23.3101

Square

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



38.0895, 34.3810, 48.8846



36.4635, 34.3810, 24.5652



27.8052, 34.3810, 27.9293



29.1642, 34.3810, 54.1602

Rectangle

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



38.0895, 34.3810, 48.8846



39.1619, 34.3810, 33.0618



27.8052, 34.3810, 27.9293



26.9526, 34.3810, 42.1779

Sweetspot

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



38.0905, 34.3825, 48.8853



76.5101, 76.8147, 91.0299



31.4263, 31.2121, 48.6246



16.8067, 16.7868, 20.0760



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.



38.0905, 34.3825, 48.8853



67.1169, 58.5787, 88.0051



36.7776, 33.8845, 40.7437



9.3541, 9.1489, 11.3523



18.7209, 8.9622, 31.9962



0.6682, 0.3202, 1.1283

Inverse Universe

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



35.3073, 33.2964, 33.0013



61.2367, 56.2856, 54.3763



35.6307, 42.4282, 41.3716



9.0150, 9.0164, 9.4265



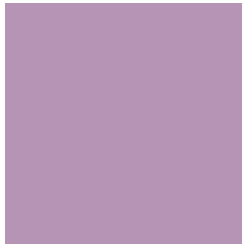
13.6484, 7.0331, 0.7695



0.4848, 0.2494, 0.0463

Previews

White Background



This preview shows how the XYZ color 38.0895, 34.3810, 48.8846 looks on a white background.

Color Contrast Check

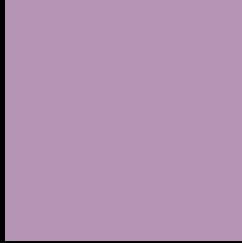
Large Text (above 18pt) WCAG AA × Fail

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 38.0895, 34.3810, 48.8846 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 38.0895, 34.3810, 48.8846

Background



This preview shows how black text looks on a background with the XYZ color 38.0895, 34.3810, 48.8846.



This preview shows how white text looks on a background with the XYZ color 38.0895, 34.3810,

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

38.0895, 34.3810, 48.8846

Protanopia

34.0830, 34.4202, 52.4243

Deuteranopia

35.3717, 34.6714, 48.5440



Tritanopia

36.0376, 34.2425, 39.3604

Trichromacy



Original Color

38.0895, 34.3810, 48.8846

Protanomaly

35.5228, 34.4429, 51.2303

Deuteranomaly

36.1463, 34.3387, 48.4390

Tritanomaly

36.7525, 34.2987, 42.7135

Monochromacy



Original Color

38.0895, 34.3810, 48.8846

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.5806, 35.4135, 42.4963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0895, 34.3810, 48.8846 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(181, 148, 182)` looks like.

```
.text, #text, p{  
    color:rgb(181, 148, 182)  
}
```

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(181, 148, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 148, 182) }
```

Border

The CSS property to change the border of an element to XYZ 38.0895, 34.3810, 48.8846 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(181, 148, 182) }
```


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

```
.border{ border-color:rgb(181, 148, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 148, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 148, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 148, 182);  
box-shadow:4px 4px 4px 4px rgb(181, 148,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0895, 34.3810, 48.8846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 148, 182) }
```

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

```
.background{ background-color: rgb(181,  
148, 182) }
```

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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