

Converting Colors

XYZ(39.8040, 34.5196, 51.4064)

Have a look what the booklet for
XYZ(39.8040, 34.5196, 51.4064)
contains.

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Color

**XYZ(39.8341, 34.5300,
51.5792)**

Conversions

Conversions Part 1

Format	Color
Hex	BC91BB
RGB	188, 145, 187
RGB Percent	74%, 57%, 73%
CMY	0.2627, 0.4314, 0.2667
CMYK	0.00, 0.23, 0.01, 0.26
HSL	301°, 24%, 65%
HSV	301°, 23%, 74%
XYZ	39.8341, 34.5300, 51.5792
YIQ	162.6450, 12.1460, 22.1780

Conversions

Conversions Part 2

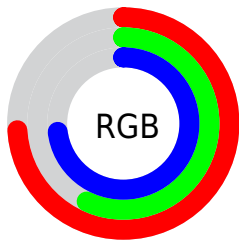
Format	Color
RYB	188, 145, 187
Decimal	12358075
CIELab	65.38, 23.40, -15.60
CIELCh	65, 28.117, 326.312
Yxy	34.5300, 0.3163, 0.2742
Android (android.graphics.Color)	4290548155 (0xFFBC91BB)
YUV	162.6450, 12.0070, 22.2363
Hunter-Lab	58.7622, 18.1688, -10.9089

Details

The XYZ color **39.8341, 34.5300, 51.5792** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **34.8500, 44.0626, 33.8642**, and the grayscale version is **34.5876, 36.3888, 39.6274**.

A 20% lighter version of the original color is **74.2573, 66.7304, 93.7605**, and **18.1373, 14.7950, 24.4540** is the 20% darker color. If you saturate the color by 10%, you get **37.1493, 29.2347, 50.4539**, and if you desaturate by 10%, it is **42.9965, 40.7791, 52.8651**.

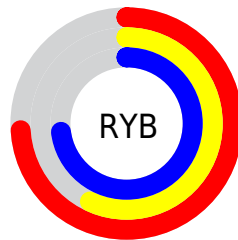
Distribution



Red (74%)

Green (57%)

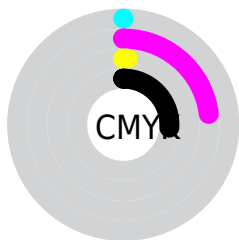
Blue (73%)



Red (74%)

Yellow (57%)

Blue (73%)

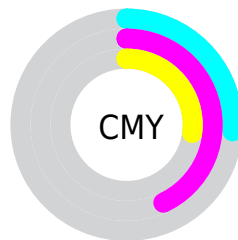


Cyan (0%)

Magenta (23%)

Yellow (1%)

Black (26%)



Cyan (26%)

Magenta (43%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.8341, 34.5300, 51.5792 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 39.8341, 34.5300, 51.5792 by changing the saturation by 10% instead.

■ 39.8341, 34.5300,
51.5792

■ 39.8341, 34.5300,
51.5792

336.5703,
322.4889, 409.7206

■ 27.5929, 23.3011,
36.2898

■ 74.1968, 66.7570,
93.9306

■ 18.1579, 14.8160,
24.3667

■ 97.0489, 88.5239,
121.8297

■ 11.1638, 8.6903,
15.3911

124.1687,
114.5722, 154.7692

■ 6.2452, 4.5397,
8.9447

155.9215,
145.2863, 193.1676

■ 3.0368, 1.9798,
4.6088

192.6728,
181.0506, 237.4433

■ 1.1733, 0.5957,
1.9649

234.7877,

■ 0.0851, 0.0000,

222.2496, 288.0151

0.5336

282.6318,
269.2675, 345.3013

■ 0.0000, 0.0000,
0.0000

■ 39.8341, 34.5300,
51.5792

■ 39.8341, 34.5300,
51.5792

■ 37.1493, 29.2347,
50.4539

■ 42.9965, 40.7791,
52.8651

■ 34.9156, 24.8419,
49.4794

■ 46.6551, 48.0210,
54.3168

■ 33.1087, 21.3025,
48.6478

■ 50.8314, 56.2981,
55.9417

■ 31.7008, 18.5607,
47.9498

■ 55.5446, 65.6488,
57.7463

■ 30.6607, 16.5544,
47.3752

■ 60.8131, 76.1097,
59.7367

■ 29.9526, 15.2120,
46.9120

■ 65.7528, 85.9129,
61.6182

■ 29.5338, 14.4479,
46.5459

■ 65.8005, 85.9320,
61.8698

■ 29.3520, 14.1366,
46.3243

■ 65.8485, 85.9512,
62.1221

■ 65.8965, 85.9704,
62.3752

Harmonies

Analogous

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



36.4436, 34.5300, 61.7149



39.8341, 34.5300, 51.5792



41.3421, 34.5300, 39.0701

Triad

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



39.8341, 34.5300, 51.5792



33.3300, 34.5300, 19.2518



26.2415, 34.5300, 48.5320

Complementary

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



39.8341, 34.5300, 51.5792



34.8500, 44.0626, 33.8642

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.



25.5572, 34.5300, 36.1620



39.8341, 34.5300, 51.5792



29.4444, 34.5300, 20.7583

Square

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



39.8341, 34.5300, 51.5792



37.3947, 34.5300, 21.7523



26.6813, 34.5300, 26.4023



28.6340, 34.5300, 59.7138

Rectangle

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



39.8341, 34.5300, 51.5792



40.9917, 34.5300, 31.5998



26.6813, 34.5300, 26.4023



25.8131, 34.5300, 44.3094

Sweetspot

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



39.8352, 34.5315, 51.5799



81.6276, 81.2347, 97.2854



31.0078, 29.9684, 51.7279



17.4678, 17.2992, 20.8868



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.



39.8352, 34.5315, 51.5799



69.8646, 57.9851, 92.5117



37.7287, 33.6889, 40.4877



9.9201, 9.6923, 11.9684



19.9881, 9.6264, 31.5607



0.7860, 0.3783, 1.2524

Inverse Universe

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



39.8352, 34.5315, 51.5799



69.8646, 57.9851, 92.5117



36.6567, 44.7853, 43.3781



9.9201, 9.6923, 11.9684



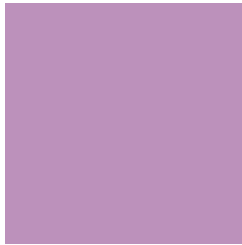
19.9881, 9.6264, 31.5607



0.7860, 0.3783, 1.2524

Previews

White Background



This preview shows how the XYZ color 39.8341, 34.5300, 51.5792 looks on a white background.

Color Contrast Check

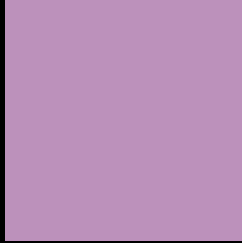
Large Text (above 18pt) WCAG AA × Fail

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 39.8341, 34.5300, 51.5792 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 39.8341, 34.5300, 51.5792

Background



This preview shows how black text looks on a background with the XYZ color 39.8341, 34.5300, 51.5792.



This preview shows how white text looks on a background with the XYZ color 39.8341, 34.5300,

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

39.8341, 34.5300, 51.5792

Protanopia

34.4850, 34.5381, 56.4787

Deuteranopia

35.3786, 34.6269, 50.7179



Tritanopia

37.1065, 34.5762, 38.4364

Trichromacy



Original Color

39.8341, 34.5300, 51.5792

Protanomaly

36.2155, 34.4807, 54.6159

Deuteranomaly

36.7241, 34.3363, 51.1464

Tritanomaly

37.8532, 34.3964, 42.6743

Monochromacy



Original Color

39.8341, 34.5300, 51.5792

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.3481, 35.5261, 43.9712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8341, 34.5300, 51.5792 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(188, 145, 187)` looks like.

```
.text, #text, p{  
    color:rgb(188, 145, 187)  
}
```

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(188, 145, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 145, 187) }
```

Border

The CSS property to change the border of an element to XYZ 39.8341, 34.5300, 51.5792 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(188, 145, 187) }
```


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

```
.border{ border-color:rgb(188, 145, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 145, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 145, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 145, 187); box-shadow:4px 4px 4px 4px rgb(188, 145, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8341, 34.5300, 51.5792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 145, 187) }
```

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

```
.background{ background-color: rgb(188,  
145, 187) }
```

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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