

Converting Colors

XYZ(39.8815, 35.3499, 57.5445)

Have a look what the booklet for
XYZ(39.8815, 35.3499, 57.5445)
contains.

XYZ(39.8815, 35.3499, 57.5445)	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(39.8815, 35.3499,
57.5445)**

Conversions

Conversions Part 1

Format	Color
Hex	B595C5
RGB	181, 149, 197
RGB Percent	71%, 58%, 77%
CMY	0.2902, 0.4157, 0.2274
CMYK	0.08, 0.24, 0.00, 0.23
HSL	280°, 29%, 68%
HSV	280°, 24%, 77%
XYZ	39.8815, 35.3499, 57.5445
YIQ	164.0400, 3.6640, 21.7120

Conversions

Conversions Part 2

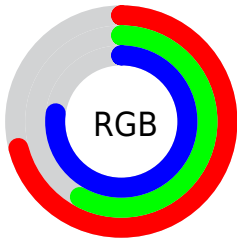
Format	Color
R _Y B	181, 149, 197
Decimal	11900357
CIE _{Lab}	66.02, 20.79, -20.29
CIE _{LCh}	66, 29.047, 315.701
Yxy	35.3499, 0.3004, 0.2662
Android (android.graphics.Color)	4290090437 (0xFFB595C5)
YUV	164.0400, 16.2493, 14.8739
Hunter-Lab	59.4558, 15.6859, -15.7650

Details

The XYZ color **39.8815, 35.3499, 57.5445** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.9094, 50.1027, 35.9502**, and the grayscale version is **35.2305, 37.0652, 40.3640**.

A 20% lighter version of the original color is **74.1704, 67.8722, 102.9574**, and **18.2277, 15.3077, 27.9806** is the 20% darker color. If you saturate the color by 10%, you get **35.5210, 28.8607, 56.5223**, and if you desaturate by 10%, it is **44.8440, 42.9339, 58.7474**.

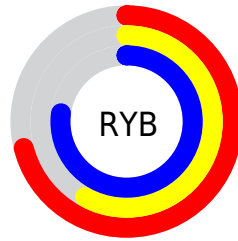
Distribution



Red (71%)

Green (58%)

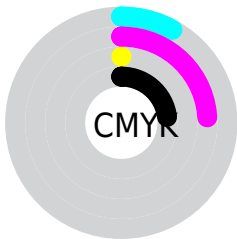
Blue (77%)



Red (71%)

Yellow (58%)

Blue (77%)

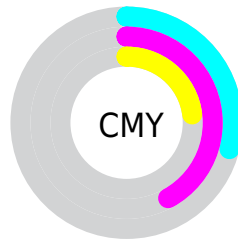


Cyan (8%)

Magenta (24%)

Yellow (0%)

Black (23%)



Cyan (29%)

Magenta (42%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.8815, 35.3499, 57.5445 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 39.8815, 35.3499, 57.5445 by changing the saturation by 10% instead.

■ 39.8815, 35.3499,
57.5445

■ 39.8815, 35.3499,
57.5445

336.7669,
326.1101, 433.0373

■ 27.6300, 23.9325,
41.0303

■ 74.2685, 68.0275,
102.7675

■ 18.1859, 15.2836,
28.0229

■ 97.1347, 90.0565,
132.3133

■ 11.1841, 9.0187,
18.1037

124.2698,
116.3914, 167.0401

■ 6.2590, 4.7533,
10.8543

156.0392,
147.4168, 207.3664

■ 3.0453, 2.1033,
5.8560

192.8083,
183.5170, 253.7107

■ 1.1778, 0.6665,
2.6903

234.9423,

■ 0.0887, 0.0000,

225.0763, 306.4916

0.9386

282.8067,
272.4792, 366.1276

■ 0.0000, 0.0000,
0.0000

■ 39.8815, 35.3499,
57.5445

■ 39.8815, 35.3499,
57.5445

■ 35.5210, 28.8607,
56.5223

■ 44.8440, 42.9339,
58.7474

■ 31.7317, 23.4081,
55.6696

■ 50.4307, 51.6580,
60.1368

■ 28.4848, 18.9357,
54.9775

■ 56.6669, 61.5702,
61.7214

■ 25.7475, 15.3793,
54.4353

■ 63.5752, 72.7148,
63.5084

■ 23.4833, 12.6672,
54.0311

■ 71.1772, 85.1334,
65.5048

■ 21.6497, 10.7164,
53.7512

■ 75.4755, 90.8299,
66.3778

■ 20.1959, 9.4266,
53.5789

■ 77.5072, 91.8773,
66.4728

■ 19.4896, 8.8830,
53.5112

■ 79.6180, 92.9654,
66.5716

■ 81.8086, 94.0947,
66.6741

Harmonies

Analogous

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



35.8903, 35.3499, 66.1353



39.8815, 35.3499, 57.5445



42.2799, 35.3499, 44.6502

Triad

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



39.8815, 35.3499, 57.5445



35.6862, 35.3499, 19.7781



26.2404, 35.3499, 45.2717

Complementary

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



39.8815, 35.3499, 57.5445



40.9094, 50.1027, 35.9502

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.



26.1960, 35.3499, 32.9242



39.8815, 35.3499, 57.5445



31.4074, 35.3499, 19.8746

Square

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



39.8815, 35.3499, 57.5445



39.7211, 35.3499, 23.8883



28.0136, 35.3499, 24.1881



28.1407, 35.3499, 58.0825

Rectangle

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



39.8815, 35.3499, 57.5445



42.5317, 35.3499, 36.1818



28.0136, 35.3499, 24.1881



26.0138, 35.3499, 40.8944

Sweetspot

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



39.8826, 35.3514, 57.5453



87.4623, 88.0242, 106.9883



36.0738, 37.6221, 58.1843



18.5864, 18.6305, 22.8664



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



39.8826, 35.3514, 57.5453



67.3293, 57.1689, 102.0938



43.0468, 37.0757, 53.4889



10.7263, 10.6327, 13.4045



12.9106, 5.8899, 35.2008



0.6858, 0.3173, 1.6702

Inverse Universe

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



40.5662, 36.0834, 40.4258



68.8783, 58.7698, 65.9157



38.3797, 48.7300, 38.9260



10.7773, 10.6943, 11.8104



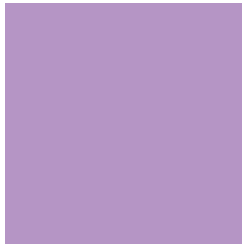
15.8206, 8.0778, 4.2651



0.7829, 0.3960, 0.3798

Previews

White Background



This preview shows how the XYZ color 39.8815, 35.3499, 57.5445 looks on a white background.

Color Contrast Check

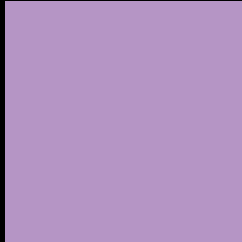
Large Text (above 18pt) WCAG AA × Fail

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 39.8815, 35.3499, 57.5445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

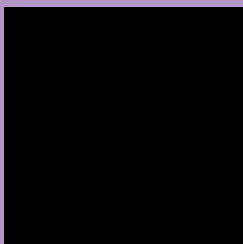
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

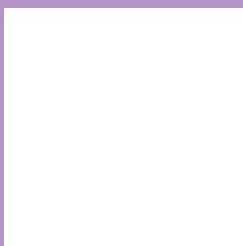
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.8815, 35.3499, 57.5445

Background



This preview shows how black text looks on a background with the XYZ color 39.8815, 35.3499, 57.5445.



This preview shows how white text looks on a background with the XYZ color 39.8815, 35.3499,

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

39.8815, 35.3499, 57.5445

Protanopia

35.6916, 35.5455, 62.1066

Deuteranopia

36.2054, 35.4250, 56.5592



Tritanopia

36.6009, 35.4628, 41.4751

Trichromacy



Original Color

39.8815, 35.3499, 57.5445

Protanomaly

36.9619, 35.2368, 60.1116

Deuteranomaly

37.4558, 35.3122, 57.0664

Tritanomaly

37.7872, 35.4618, 46.9727

Monochromacy



Original Color

39.8815, 35.3499, 57.5445

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.8122, 36.4769, 46.1748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8815, 35.3499, 57.5445 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, 149, 197)` looks like.

```
.text, #text, p{  
    color:rgb(181, 149, 197)  
}
```

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, 149, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 149, 197) }
```

Border

The CSS property to change the border of an element to XYZ 39.8815, 35.3499, 57.5445 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, 149, 197) }
```


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

```
.border{ border-color:rgb(181, 149, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 149, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 149, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 149, 197); box-shadow:4px 4px 4px 4px rgb(181, 149, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8815, 35.3499, 57.5445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 149, 197) }
```

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

```
.background{ background-color: rgb(181,  
149, 197) }
```

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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