

Converting Colors

XYZ(43.1155, 39.5991, 58.4720)

Have a look what the booklet for
XYZ(43.1155, 39.5991, 58.4720)
contains.

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Color

**XYZ(43.1424, 39.7376,
58.2196)**

Conversions

Conversions Part 1

Format	Color
Hex	BBA0C5
RGB	187, 160, 197
RGB Percent	73%, 63%, 77%
CMY	0.2667, 0.3725, 0.2274
CMYK	0.05, 0.19, 0.00, 0.23
HSL	284°, 24%, 70%
HSV	284°, 19%, 77%
XYZ	43.1424, 39.7376, 58.2196
YIQ	172.2910, 4.2150, 17.2310

Conversions

Conversions Part 2

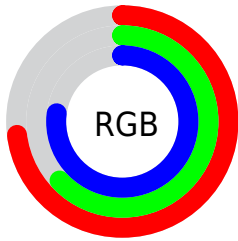
Format	Color
RYB	187, 160, 197
Decimal	12296389
CIELab	69.28, 16.66, -15.29
CIELCh	69, 22.617, 317.459
Yxy	39.7376, 0.3058, 0.2816
Android (android.graphics.Color)	4290486469 (0xFFBBA0C5)
YUV	172.2910, 12.1815, 12.8998
Hunter-Lab	63.0378, 11.8475, -10.6319

Details

The XYZ color **43.1424, 39.7376, 58.2196** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.8903, 51.0176, 40.8464**, and the grayscale version is **39.2998, 41.3464, 45.0262**.

A 20% lighter version of the original color is **79.1520, 74.8113, 104.0342**, and **20.1520, 17.7766, 28.3557** is the 20% darker color. If you saturate the color by 10%, you get **38.7160, 32.7822, 57.1110**, and if you desaturate by 10%, it is **48.1607, 47.8035, 59.5126**.

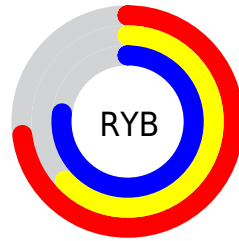
Distribution



Red (73%)

Green (63%)

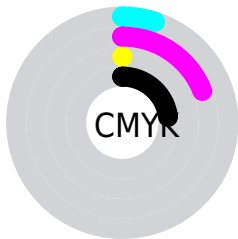
Blue (77%)



Red (73%)

Yellow (63%)

Blue (77%)

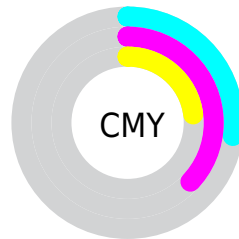


Cyan (5%)

Magenta (19%)

Yellow (0%)

Black (23%)



Cyan (27%)


Magenta (37%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1424, 39.7376, 58.2196 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 43.1424, 39.7376, 58.2196 by changing the saturation by 10% instead.


 43.1424, 39.7376,
58.2196

 43.1424, 39.7376,
58.2196

350.1087,
345.0164, 435.6248

 30.1919, 27.3340,
41.5694


 79.1801, 74.7638,
103.7605

 20.1331, 17.8242,
28.4412

 102.9979, 98.1552,
133.4883

 12.6006, 10.8239,
18.4166


131.1689,
125.9779, 168.4122

 7.2292, 5.9485,
11.0769

164.0584,
158.6165, 208.9510

 3.6535, 2.8138,
6.0038

202.0318,
196.4552, 255.5231

 1.5080, 1.0353,
2.7786

245.4544,

 0.3313, 0.0000,

239.8785, 308.5471

0.9827

294.6916,
289.2707, 368.4415

■ 0.0000, 0.0000,
0.0000

■ 43.1424, 39.7376,
58.2196

■ 43.1424, 39.7376,
58.2196

■ 38.7160, 32.7822,
57.1110

■ 48.1607, 47.8035,
59.5126

■ 34.8519, 26.8812,
56.1756

■ 53.7914, 57.0227,
60.9953

■ 31.5233, 21.9811,
55.4052

■ 60.0587, 67.4418,
62.6761

■ 28.6997, 18.0215,
54.7898

■ 66.9841, 79.1032,
64.5619

■ 26.3471, 14.9355,
54.3181

■ 73.4600, 89.7909,
66.2835

■ 24.4274, 12.6473,
53.9776

■ 75.0360, 90.6033,
66.3573

■ 22.8953, 11.0676,
53.7535

■ 76.6632, 91.4421,
66.4334

■ 21.6770, 10.0494,
53.6212

■ 78.3421, 92.3077,
66.5120

■ 21.5374, 9.9387,
53.6071

■ 80.0732, 93.2000,
66.5930

Harmonies

Analogous

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



39.8999, 39.7376, 65.2453



43.1424, 39.7376, 58.2196



44.9916, 39.7376, 47.7494

Triad

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



43.1424, 39.7376, 58.2196



39.3035, 39.7376, 26.5576



31.5017, 39.7376, 49.5385

Complementary

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



43.1424, 39.7376, 58.2196



42.8903, 51.0176, 40.8464

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.



31.3647, 39.7376, 39.0752



43.1424, 39.7376, 58.2196



35.7161, 39.7376, 26.8792

Square

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



43.1424, 39.7376, 58.2196



42.6818, 39.7376, 30.1608



32.8621, 39.7376, 31.1233



33.2491, 39.7376, 59.7086

Rectangle

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



43.1424, 39.7376, 58.2196



45.1123, 39.7376, 40.7270



32.8621, 39.7376, 31.1233



31.2699, 39.7376, 45.9115

Sweetspot

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



43.1436, 39.7393, 58.2205



88.8568, 89.8478, 107.2668



39.0423, 40.4375, 58.5714



18.8801, 19.0047, 22.9231



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.



43.1436, 39.7393, 58.2205



73.5157, 65.2345, 103.3246



44.7814, 40.6869, 53.6287



10.7927, 10.6669, 13.4076



14.2491, 6.5799, 35.2634



0.7412, 0.3458, 1.6728

Inverse Universe

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



42.8537, 39.9159, 43.4778



72.9681, 65.6616, 71.2488



41.5343, 50.2349, 44.5628



10.7497, 10.6832, 11.6650



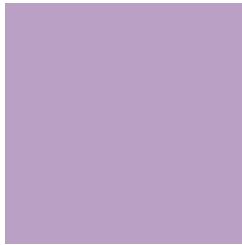
15.6019, 7.9903, 3.1136



0.7700, 0.3908, 0.3119

Previews

White Background



This preview shows how the XYZ color 43.1424, 39.7376, 58.2196 looks on a white background.

Color Contrast Check

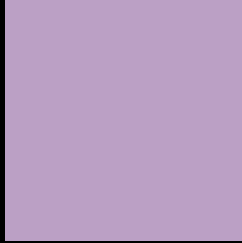
Large Text (above 18pt) WCAG AA × Fail

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 43.1424, 39.7376, 58.2196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

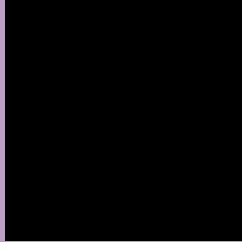
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1424, 39.7376, 58.2196

Background



This preview shows how black text looks on a background with the XYZ color 43.1424, 39.7376, 58.2196.



This preview shows how white text looks on a background with the XYZ color 43.1424, 39.7376,

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

43.1424, 39.7376, 58.2196

Protanopia

39.5636, 39.9509, 61.5032

Deuteranopia

40.6525, 39.7800, 57.7602



Tritanopia

40.8791, 39.8759, 46.6165

Trichromacy



Original Color

43.1424, 39.7376, 58.2196

Protanomaly

40.6750, 39.7383, 60.1700

Deuteranomaly

41.4211, 39.6449, 57.6937

Tritanomaly

41.7565, 39.9694, 50.8615

Monochromacy



Original Color

43.1424, 39.7376, 58.2196

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.4746, 40.6886, 49.4365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1424, 39.7376, 58.2196 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(187, 160, 197)` looks like.

```
.text, #text, p{  
  color:rgb(187, 160, 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(187, 160, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 160, 197) }
```

Border

The CSS property to change the border of an element to XYZ 43.1424, 39.7376, 58.2196 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(187, 160, 197) }
```


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

```
.border{ border-color:rgb(187, 160, 197) }
```

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

Here you see how a box with a 4 pixel rgb(187, 160, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 160, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 160, 197);  
box-shadow:4px 4px 4px 4px rgb(187, 160,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1424, 39.7376, 58.2196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 160, 197) }
```

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

```
.background{ background-color: rgb(187,  
160, 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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