

Converting Colors

XYZ(43.1316, 39.9089, 51.8637)

Have a look what the booklet for
XYZ(43.1316, 39.9089, 51.8637)
contains.

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Color

**XYZ(43.1720, 39.8932,
51.8791)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A0BA
RGB	192, 160, 186
RGB Percent	75%, 63%, 73%
CMY	0.2471, 0.3725, 0.2706
CMYK	0.00, 0.17, 0.03, 0.25
HSL	311°, 20%, 69%
HSV	311°, 17%, 75%
XYZ	43.1720, 39.8932, 51.8791
YIQ	172.5320, 10.7260, 14.8700

Conversions

Conversions Part 2

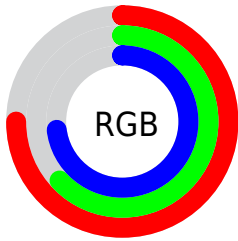
Format	Color
RYB	192, 160, 186
Decimal	12624058
CIELab	69.39, 16.27, -8.98
CIELCh	69, 18.586, 331.110
Yxy	39.8932, 0.3199, 0.2956
Android (android.graphics.Color)	4290814138 (0xFFC0A0BA)
YUV	172.5320, 6.6397, 17.0734
Hunter-Lab	63.1611, 11.4769, -4.4867

Details

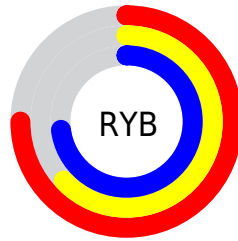
The XYZ color **43.1720, 39.8932, 51.8791** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.2314, 47.9273, 43.2091**, and the grayscale version is **39.4468, 41.5011, 45.1947**.

A 20% lighter version of the original color is **79.3944, 75.1514, 94.3255**, and **20.0774, 17.8219, 24.5721** is the 20% darker color. If you saturate the color by 10%, you get **39.7196, 33.5927, 48.8638**, and if you desaturate by 10%, it is **47.1505, 47.2291, 55.1183**.

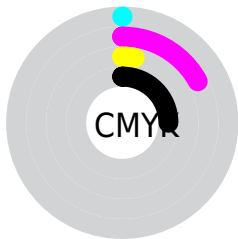
Distribution



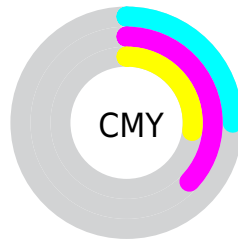
- Red (75%)
- Green (63%)
- Blue (73%)



- Red (75%)
- Yellow (63%)
- Blue (73%)



- Cyan (0%)
- Magenta (17%)
- Yellow (3%)
- Black (25%)





- Cyan (25%)
- Magenta (37%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1720, 39.8932, 51.8791 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 43.1720, 39.8932, 51.8791 by changing the saturation by 10% instead.


 43.1720, 39.8932,
51.8791


 43.1720, 39.8932,
51.8791


350.2282,
345.6732, 410.9133

 30.2152, 27.4553,
36.5271


 79.2244, 75.0009,
94.3777

 20.1509, 17.9154,
24.5487

 103.0508, 98.4394,
122.3614

 12.6137, 10.8893,
15.5252


131.2310,
126.3136, 155.3927

 7.2382, 5.9924,
9.0381

164.1305,
159.0078, 193.8903

 3.6592, 2.8405,
4.6689

202.1147,
196.9065, 238.2726

 1.5112, 1.0490,
1.9990

245.5487,

 0.3334, 0.0000,

240.3940, 288.9582

0.5547

294.7981,
289.8548, 346.3656

■ 0.0000, 0.0000,
0.0000

■ 43.1720, 39.8932,
51.8791

■ 43.1720, 39.8932,
51.8791

■ 39.7196, 33.5927,
48.8638

■ 47.1505, 47.2291,
55.1183

■ 36.7660, 28.2752,
46.0616

■ 51.6735, 55.6393,
58.5864

■ 34.2872, 23.8919,
43.4645

■ 56.7631, 65.1669,
62.2917

■ 32.2553, 20.3875,
41.0630

■ 62.4389, 75.8511,
66.2410

■ 30.6399, 17.7009,
38.8465

■ 68.3982, 87.0865,
70.3338

■ 29.4063, 15.7632,
36.8030

■ 68.8352, 87.2613,
72.6350

■ 28.5144, 14.4940,
34.9190

■ 69.2823, 87.4401,
74.9892

■ 27.9107, 13.7867,
33.1761

■ 69.7394, 87.6230,
77.3967

■ 27.7390, 13.6068,
32.6147

■ 70.2068, 87.8099,
79.8578

Harmonies

Analogous

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



40.9632, 39.8932, 59.0983



43.1720, 39.8932, 51.8791



43.9550, 39.8932, 43.1191

Triad

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



43.1720, 39.8932, 51.8791



37.8061, 39.8932, 28.9783



33.2090, 39.8932, 52.5029

Complementary

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



43.1720, 39.8932, 51.8791



40.2314, 47.9273, 43.2091

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.



32.4595, 39.8932, 43.7563



43.1720, 39.8932, 51.8791



35.0263, 39.8932, 30.8200

Square

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



43.1720, 39.8932, 51.8791



40.7606, 39.8932, 30.5672



33.1073, 39.8932, 35.9642



35.2094, 39.8932, 59.4904

Rectangle

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



43.1720, 39.8932, 51.8791



43.5321, 39.8932, 37.7775



33.1073, 39.8932, 35.9642



32.8073, 39.8932, 49.6350

Sweetspot

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



43.1732, 39.8949, 51.8800



86.6647, 87.8585, 100.8375



37.7849, 37.0419, 55.0284



18.4737, 18.6283, 21.5399



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



43.1732, 39.8949, 51.8800



75.8309, 67.8997, 91.9585



41.5788, 39.2572, 43.4840



10.4137, 10.2141, 12.2689



18.6920, 9.1665, 22.0878



0.8291, 0.4046, 1.0673

Inverse Universe

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



43.1732, 39.8949, 51.8800



75.8309, 67.8997, 91.9585



41.7780, 48.5459, 51.3534



10.4137, 10.2141, 12.2689



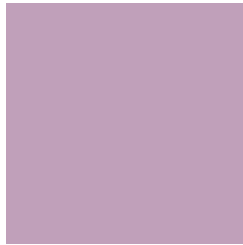
18.6920, 9.1665, 22.0878



0.8291, 0.4046, 1.0673

Previews

White Background



This preview shows how the XYZ color 43.1720, 39.8932, 51.8791 looks on a white background.

Color Contrast Check

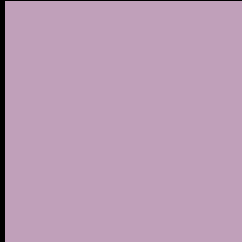
Large Text (above 18pt) WCAG AA × Fail

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 43.1720, 39.8932, 51.8791 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 43.1720, 39.8932, 51.8791

Background



This preview shows how black text looks on a background with the XYZ color 43.1720, 39.8932, 51.8791.



This preview shows how white text looks on a background with the XYZ color 43.1720, 39.8932,

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

43.1720, 39.8932, 51.8791

Protanopia

39.1325, 39.8738, 54.9241

Deuteranopia

40.8025, 39.9968, 51.4686



Tritanopia

41.8934, 39.8830, 46.0476

Trichromacy



Original Color

43.1720, 39.8932, 51.8791

Protanomaly

40.3196, 39.6984, 53.6816

Deuteranomaly

41.6213, 39.8875, 51.4043

Tritanomaly

42.3674, 39.8208, 48.1010

Monochromacy



Original Color

43.1720, 39.8932, 51.8791

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.8609, 40.9229, 47.8648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1720, 39.8932, 51.8791 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(192, 160, 186)` looks like.

```
.text, #text, p{  
    color:rgb(192, 160, 186)  
}
```

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(192, 160, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 160, 186) }
```

Border

The CSS property to change the border of an element to XYZ 43.1720, 39.8932, 51.8791 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(192, 160, 186) }
```


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

```
.border{ border-color:rgb(192, 160, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 160, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 160, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 160, 186);  
box-shadow:4px 4px 4px 4px rgb(192, 160,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1720, 39.8932, 51.8791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 160, 186) }
```

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

```
.background{ background-color: rgb(192,  
160, 186) }
```

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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