

Converting Colors

XYZ(43.7964, 38.9443, 58.3664)

Have a look what the booklet for
XYZ(43.7964, 38.9443, 58.3664)
contains.

XYZ(43.8197, 39.0606, 58.6560)	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(43.8197, 39.0606,
58.6560)**

Conversions

Conversions Part 1

Format	Color
Hex	C09CC6
RGB	192, 156, 198
RGB Percent	75%, 61%, 78%
CMY	0.2471, 0.3882, 0.2235
CMYK	0.03, 0.21, 0.00, 0.22
HSL	291°, 27%, 69%
HSV	291°, 21%, 78%
XYZ	43.8197, 39.0606, 58.6560
YIQ	171.5520, 7.9740, 20.6940

Conversions

Conversions Part 2

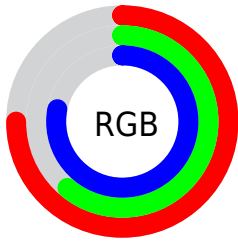
Format	Color
R _Y B	192, 156, 198
Decimal	12623046
CIE _{Lab}	68.80, 20.76, -16.54
CIE _{LCh}	69, 26.544, 321.467
Yxy	39.0606, 0.3096, 0.2760
Android (android.graphics.Color)	4290813126 (0xFFC09CC6)
YUV	171.5520, 13.0389, 17.9329
Hunter-Lab	62.4985, 15.7798, -11.8958

Details

The XYZ color **43.8197, 39.0606, 58.6560** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.0965, 50.4709, 39.0303**, and the grayscale version is **38.9209, 40.9478, 44.5922**.

A 20% lighter version of the original color is **80.4112, 73.9483, 104.6431**, and **20.4656, 17.3175, 28.6495** is the 20% darker color. If you saturate the color by 10%, you get **40.0552, 32.5841, 57.6049**, and if you desaturate by 10%, it is **48.1419, 46.6308, 59.8900**.

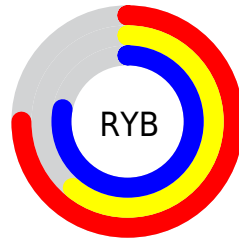
Distribution



Red (75%)

Green (61%)

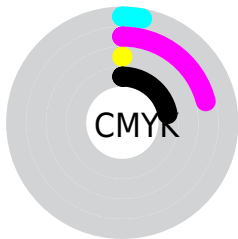
Blue (78%)



Red (75%)

Yellow (61%)

Blue (78%)

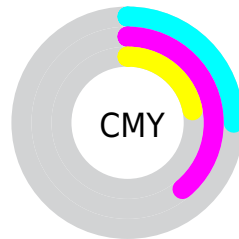


Cyan (3%)

Magenta (21%)

Yellow (0%)

Black (22%)



Cyan (25%)

Magenta (39%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8197, 39.0606, 58.6560 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 43.8197, 39.0606, 58.6560 by changing the saturation by 10% instead.

■ 43.8197, 39.0606,
58.6560

■ 43.8197, 39.0606,
58.6560

352.8367,
342.1481, 437.2922

■ 30.7261, 26.8069,
41.9181

■ 80.1944, 73.7309,
104.4017

■ 20.5412, 17.4282,
28.7121

■ 104.2062, 96.9162,
134.2466

■ 12.8996, 10.5403,
18.6194

132.5881,
124.5142, 169.2976

■ 7.4359, 5.7586,
11.2216

165.7055,
156.9093, 209.9731

■ 3.7849, 2.6989,
6.1000

203.9236,
194.4858, 256.6918

■ 1.5812, 0.9766,
2.8362

247.6080,

■ 0.3801, 0.0000,

237.6282, 309.8722

1.0116

297.1239,
286.7208, 369.9329

■ 0.0000, 0.0000,
0.0000

■ 43.8197, 39.0606,
58.6560

■ 43.8197, 39.0606,
58.6560

■ 40.0552, 32.5841,
57.6049

■ 48.1419, 46.6308,
59.8900

■ 36.8186, 27.1437,
56.7254

■ 53.0428, 55.3384,
61.3124

■ 34.0826, 22.6842,
56.0088

■ 58.5466, 65.2310,
62.9318

■ 31.8160, 19.1435,
55.4449

■ 64.6749, 76.3522,
64.7554

■ 29.9840, 16.4521,
55.0219

■ 71.4469, 88.7398,
66.7895

■ 28.5468, 14.5304,
54.7268

■ 72.2401, 89.1487,
66.8266

■ 27.4572, 13.2841,
54.5436

■ 73.0475, 89.5649,
66.8644

■ 26.7090, 12.5915,
54.4494

■ 73.8692, 89.9885,
66.9029

■ 74.7052, 90.4195,
66.9420

Harmonies

Analogous

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



40.1655, 39.0606, 67.9373



43.8197, 39.0606, 58.6560



45.7136, 39.0606, 46.0613

Triad

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



43.8197, 39.0606, 58.6560



38.3392, 39.0606, 23.4881



30.0955, 39.0606, 51.5839

Complementary

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



43.8197, 39.0606, 58.6560



41.0965, 50.4709, 39.0303

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.



29.6874, 39.0606, 39.1846



43.8197, 39.0606, 58.6560



34.2437, 39.0606, 24.4090

Square

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



43.8197, 39.0606, 58.6560



42.3965, 39.0606, 26.8608



31.1511, 39.0606, 29.6694



32.3113, 39.0606, 63.3474

Rectangle

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



43.8197, 39.0606, 58.6560



45.6310, 39.0606, 38.0893



31.1511, 39.0606, 29.6694



29.7493, 39.0606, 47.3039

Sweetspot

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



43.8209, 39.0623, 58.6568



89.5622, 90.2115, 107.2999



36.8782, 37.0935, 58.6427



19.0472, 19.0908, 22.9310



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.



43.8209, 39.0623, 58.6568



74.7037, 64.1641, 103.0553



43.7569, 39.2158, 50.2280



10.9284, 10.7369, 13.4139



17.4246, 8.2170, 35.4120



0.8670, 0.4107, 1.6787

Inverse Universe

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



41.7001, 38.3931, 39.3971



70.3925, 62.8176, 63.2778



41.2279, 50.3859, 45.9324



10.6946, 10.6612, 11.3749



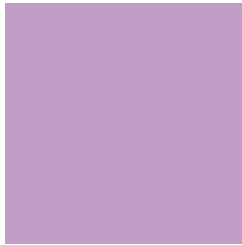
15.3031, 7.8708, 1.5399



0.7451, 0.3809, 0.1807

Previews

White Background



This preview shows how the XYZ color 43.8197, 39.0606, 58.6560 looks on a white background.

Color Contrast Check

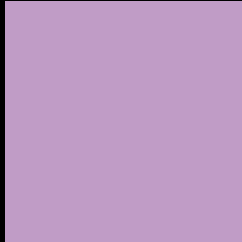
Large Text (above 18pt) WCAG AA × Fail

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 43.8197, 39.0606, 58.6560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

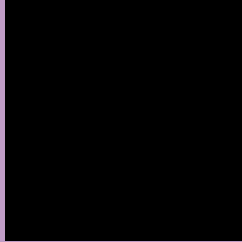
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8197, 39.0606, 58.6560

Background



This preview shows how black text looks on a background with the XYZ color 43.8197, 39.0606, 58.6560.



This preview shows how white text looks on a background with the XYZ color 43.8197, 39.0606,

58.6560.

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

43.8197, 39.0606, 58.6560

Protanopia

38.9537, 39.0511, 63.2421

Deuteranopia

40.0339, 39.1944, 57.6798



Tritanopia

40.8527, 38.8501, 44.8808

Trichromacy



Original Color

43.8197, 39.0606, 58.6560

Protanomaly

40.3756, 38.7629, 61.2311

Deuteranomaly

41.4133, 39.1047, 58.1886

Tritanomaly

41.8279, 38.9925, 49.5777

Monochromacy



Original Color

43.8197, 39.0606, 58.6560

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.5671, 40.1923, 49.3358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8197, 39.0606, 58.6560 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, 156, 198)` looks like.

```
.text, #text, p{  
    color:rgb(192, 156, 198)  
}
```

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, 156, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 156, 198) }
```

Border

The CSS property to change the border of an element to XYZ 43.8197, 39.0606, 58.6560 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, 156, 198) }
```


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

```
.border{ border-color:rgb(192, 156, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 156, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 156, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 156, 198);  
box-shadow:4px 4px 4px 4px rgb(192, 156,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8197, 39.0606, 58.6560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 156, 198) }
```

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

```
.background{ background-color: rgb(192,  
156, 198) }
```

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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