

Converting Colors

XYZ(43.5483, 39.7915, 53.1610)

Have a look what the booklet for
XYZ(43.5483, 39.7915, 53.1610)
contains.

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Color

**XYZ(43.4676, 39.7646,
52.9613)**

Conversions

Conversions Part 1

Format	Color
Hex	C19FBC
RGB	193, 159, 188
RGB Percent	76%, 62%, 74%
CMY	0.2431, 0.3765, 0.2627
CMYK	0.00, 0.18, 0.03, 0.24
HSL	309°, 22%, 69%
HSV	309°, 18%, 76%
XYZ	43.4676, 39.7646, 52.9613
YIQ	172.4720, 10.9550, 16.2270

Conversions

Conversions Part 2

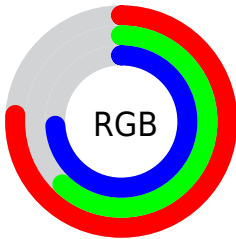
Format	Color
R_{YB}	193, 159, 188
Decimal	12689340
CIE _{Lab}	69.30, 17.54, -10.22
CIE _{LCh}	69, 20.302, 329.786
Yxy	39.7646, 0.3192, 0.2920
Android (android.graphics.Color)	4290879420 (0xFFC19FBC)
YUV	172.4720, 7.6553, 18.0031
Hunter-Lab	63.0592, 12.6891, -5.6543

Details

The XYZ color **43.4676, 39.7646, 52.9613** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.0705, 48.1924, 42.3144**, and the grayscale version is **39.4114, 41.4638, 45.1541**.

A 20% lighter version of the original color is **79.8000, 74.9488, 95.8486**, and **20.2783, 17.7536, 25.2797** is the 20% darker color. If you saturate the color by 10%, you get **40.1017, 33.5172, 50.3447**, and if you desaturate by 10%, it is **47.3601, 47.0543, 55.7840**.

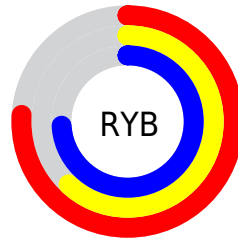
Distribution



Red (76%)

Green (62%)

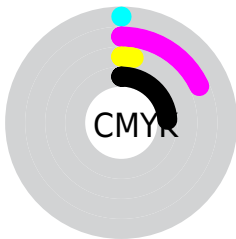
Blue (74%)



Red (76%)

Yellow (62%)

Blue (74%)

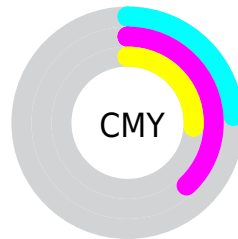


Cyan (0%)

Magenta (18%)

Yellow (3%)

Black (24%)



Cyan (24%)

Magenta (38%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4676, 39.7646, 52.9613 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 43.4676, 39.7646, 52.9613 by changing the saturation by 10% instead.


 43.4676, 39.7646,
52.9613


 43.4676, 39.7646,
52.9613


351.4203,
345.1304, 415.1987

 30.4483, 27.3551,
37.3844


 79.6673, 74.8049,
95.9884

 20.3289, 17.8401,
25.2071


 103.5785, 98.2045,
124.2756

 12.7440, 10.8352,
16.0110


131.8509,
126.0362, 157.6367

 7.3283, 5.9561,
9.3775

164.8500,
158.6844, 196.4902

 3.7164, 2.8184,
4.8881

202.9411,
196.5335, 241.2546

 1.5430, 1.0377,
2.1241

246.4897,

 0.3548, 0.0000,

239.9680, 292.3484

0.6301

295.8609,
289.3721, 350.1903

■ 0.0000, 0.0000,
0.0000

■ 43.4676, 39.7646,
52.9613

■ 43.4676, 39.7646,
52.9613

■ 40.1017, 33.5172,
50.3447

■ 47.3601, 47.0543,
55.7840

■ 37.2348, 28.2588,
47.9235

■ 51.7980, 55.4260,
58.8180

■ 34.8423, 23.9396,
45.6898

■ 56.8038, 64.9234,
62.0713

■ 32.8958, 20.5029,
43.6340

■ 62.3973, 75.5867,
65.5507

■ 31.3640, 17.8864,
41.7455

■ 68.4364, 87.1311,
69.2089

■ 30.2117, 16.0193,
40.0122

■ 68.7761, 87.2670,
70.9979

■ 29.3973, 14.8189,
38.4204

■ 69.1221, 87.4054,
72.8197

■ 28.8607, 14.1648,
36.9495

■ 69.4743, 87.5463,
74.6744

■ 28.7491, 14.0402,
36.6084

■ 69.8327, 87.6897,
76.5621

Harmonies

Analogous

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



40.9913, 39.7646, 60.7972



43.4676, 39.7646, 52.9613



44.4079, 39.7646, 43.3638

Triad

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



43.4676, 39.7646, 52.9613



37.8184, 39.7646, 27.7278



32.6176, 39.7646, 52.8289

Complementary

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



43.4676, 39.7646, 52.9613



40.0705, 48.1924, 42.3144

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.



31.8737, 39.7646, 43.2300



43.4676, 39.7646, 52.9613



34.7695, 39.7646, 29.5252

Square

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



43.4676, 39.7646, 52.9613



41.0340, 39.7646, 29.5771



32.6388, 39.7646, 34.8861



34.7312, 39.7646, 60.7134

Rectangle

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



43.4676, 39.7646, 52.9613



43.9976, 39.7646, 37.5065



32.6388, 39.7646, 34.8861



32.2047, 39.7646, 49.6546

Sweetspot

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



43.4688, 39.7663, 52.9622



86.7430, 87.8899, 101.2501



37.2392, 36.4915, 55.5337



18.4928, 18.6360, 21.6406



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.



43.4688, 39.7663, 52.9622



75.5048, 66.8512, 93.0713



41.7871, 39.0937, 44.1068



10.4316, 10.2212, 12.3631



19.1444, 9.3475, 24.4702



0.8449, 0.4110, 1.1507

Inverse Universe

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



43.4688, 39.7663, 52.9622



75.5048, 66.8512, 93.0713



41.6622, 48.8291, 50.6959



10.4316, 10.2212, 12.3631



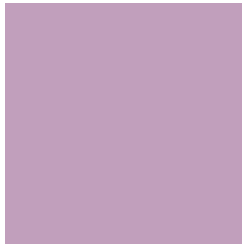
19.1444, 9.3475, 24.4702



0.8449, 0.4110, 1.1507

Previews

White Background



This preview shows how the XYZ color 43.4676, 39.7646, 52.9613 looks on a white background.

Color Contrast Check

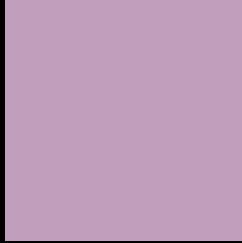
Large Text (above 18pt) WCAG AA × Fail

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 43.4676, 39.7646, 52.9613 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 43.4676, 39.7646, 52.9613

Background



This preview shows how black text looks on a background with the XYZ color 43.4676, 39.7646, 52.9613.



This preview shows how white text looks on a background with the XYZ color 43.4676, 39.7646,

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

43.4676, 39.7646, 52.9613

Protanopia

39.2573, 39.8996, 56.6713

Deuteranopia

40.7849, 39.9631, 52.5778



Tritanopia

41.8707, 39.6221, 45.4854

Trichromacy



Original Color

43.4676, 39.7646, 52.9613

Protanomaly

40.6488, 39.8300, 55.4147

Deuteranomaly

41.5953, 39.8495, 52.5131

Tritanomaly

42.4457, 39.6028, 48.0548

Monochromacy



Original Color

43.4676, 39.7646, 52.9613

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.6770, 40.5551, 47.8035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4676, 39.7646, 52.9613 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(193, 159, 188)` looks like.

```
.text, #text, p{  
    color:rgb(193, 159, 188)  
}
```

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(193, 159, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 159, 188) }
```

Border

The CSS property to change the border of an element to XYZ 43.4676, 39.7646, 52.9613 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(193, 159, 188) }
```


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

```
.border{ border-color:rgb(193, 159, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 159, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 159, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 159, 188);  
box-shadow:4px 4px 4px 4px rgb(193, 159,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4676, 39.7646, 52.9613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 159, 188) }
```

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

```
.background{ background-color: rgb(193,  
159, 188) }
```

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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