

Converting Colors

XYZ(39.2859, 26.0733, 55.7646)

Have a look what the booklet for
XYZ(39.2859, 26.0733, 55.7646)
contains.

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Color

**XYZ(39.4580, 26.2305,
55.8066)**

Conversions

Conversions Part 1

Format	Color
Hex	CB66C5
RGB	203, 102, 197
RGB Percent	80%, 40%, 77%
CMY	0.2039, 0.6000, 0.2274
CMYK	0.00, 0.50, 0.03, 0.20
HSL	304°, 49%, 60%
HSV	304°, 50%, 80%
XYZ	39.4580, 26.2305, 55.8066
YIQ	143.0290, 29.7010, 50.9570

Conversions

Conversions Part 2

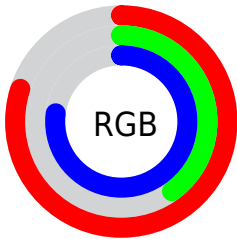
Format	Color
R _Y B	203, 102, 197
Decimal	13330117
CIE Lab	58.26, 52.93, -32.03
CIE LCh	58, 61.866, 328.820
Yxy	26.2305, 0.3248, 0.2159
Android (android.graphics.Color)	4291520197 (0xFFCB66C5)
YUV	143.0290, 26.6077, 52.5946
Hunter-Lab	51.2157, 47.8938, -28.7536

Details

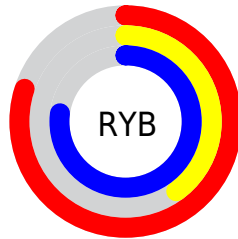
The XYZ color **39.4580, 26.2305, 55.8066** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **29.5434, 46.6203, 21.6305**, and the grayscale version is **26.0098, 27.3644, 29.7998**.

A 20% lighter version of the original color is **71.0179, 52.1927, 100.0971**, and **17.8689, 10.2081, 27.0152** is the 20% darker color. If you saturate the color by 10%, you get **37.5644, 22.6630, 54.4965**, and if you desaturate by 10%, it is **41.8429, 30.7776, 57.2864**.

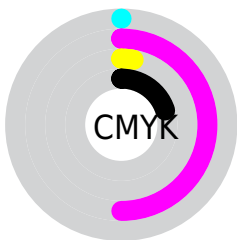
Distribution



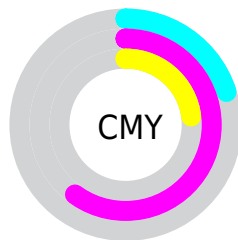
- Red (80%)
- Green (40%)
- Blue (77%)



- Red (80%)
- Yellow (40%)
- Blue (77%)



- Cyan (0%)
- Magenta (50%)
- Yellow (3%)
- Black (20%)





- Cyan (20%)
- Magenta (60%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4580, 26.2305, 55.8066 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 39.4580, 26.2305, 55.8066 by changing the saturation by 10% instead.


 39.4580, 26.2305,
55.8066


 39.4580, 26.2305,
55.8066

335.0075,
283.9118, 426.3301

 27.2985, 16.9962,
39.6449


 73.6271, 53.6466,
100.2047


 17.9353, 10.2318,
26.9501


 96.3674, 72.5971,
129.2783

 11.0030, 5.5529,
17.3037


 123.3653, 95.5551,
163.4928

 6.1361, 2.5752,
10.2870

 154.9863,
122.9050, 203.2670

 2.9695, 0.9142,
5.4816

191.5957,
155.0313, 249.0192

 1.1376, 0.0000,
2.4689

233.5588,

 0.0563, 0.0000,

192.3182, 301.1681

0.8236

281.2409,
235.1502, 360.1322

■ 0.0000, 0.0000,
0.0000

■ 39.4580, 26.2305,
55.8066

■ 39.4580, 26.2305,
55.8066

■ 37.5644, 22.6630,
54.4965

■ 41.8429, 30.7776,
57.2864

■ 36.1232, 19.9991,
53.3423

■ 44.7490, 36.3661,
58.9452

■ 35.0938, 18.1571,
52.3309


■ 48.2072, 43.0567,
60.7935


■ 34.4274, 17.0394,
51.4459


■ 52.2448, 50.9046,
62.8405


■ 34.0350, 16.4679,
50.6576


■ 56.8877, 59.9611,
65.0947

 34.0263, 16.4556,
50.6384

 62.1600, 70.2748,
67.5642

 68.0846, 81.8911,
70.2567

 71.6086, 88.7045,
72.1545

 71.7563, 88.7636,
72.9325

Harmonies

Analogous

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



32.5699, 26.2305, 82.3614



39.4580, 26.2305, 55.8066



42.3584, 26.2305, 29.4218

Triad

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



39.4580, 26.2305, 55.8066



25.2302, 26.2305, 3.9439



14.2889, 26.2305, 53.5298

Complementary

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



39.4580, 26.2305, 55.8066



29.5434, 46.6203, 21.6305

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.



13.0907, 26.2305, 27.7163



39.4580, 26.2305, 55.8066



18.5914, 26.2305, 5.4758

Square

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



39.4580, 26.2305, 55.8066



33.1901, 26.2305, 5.7643



14.4954, 26.2305, 12.0403



18.1705, 26.2305, 80.6459

Rectangle

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



39.4580, 26.2305, 55.8066



41.2716, 26.2305, 17.1779



14.4954, 26.2305, 12.0403



13.5981, 26.2305, 44.1074

Sweetspot

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



39.4589, 26.2317, 55.8071



83.6747, 77.8314, 103.3138



21.6015, 16.9448, 58.6328



17.6076, 16.0721, 21.9591



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.



39.4589, 26.2317, 55.8071



62.6121, 37.4110, 91.0371



34.6829, 24.3213, 30.6572



11.6577, 11.3918, 13.9978



21.6660, 10.4770, 32.2894



1.1267, 0.5441, 1.7129

Inverse Universe

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



39.4589, 26.2317, 55.8071



62.6121, 37.4110, 91.0371



32.9694, 47.9907, 39.6719



11.6577, 11.3918, 13.9978



21.6660, 10.4770, 32.2894



1.1267, 0.5441, 1.7129

Previews

White Background



This preview shows how the XYZ color 39.4580, 26.2305, 55.8066 looks on a white background.

Color Contrast Check

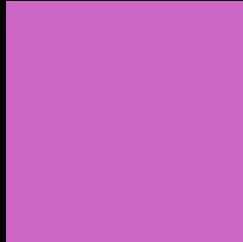
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.4580, 26.2305, 55.8066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

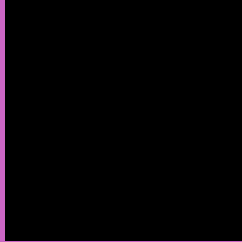
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.4580, 26.2305, 55.8066

Background



This preview shows how black text looks on a background with the XYZ color 39.4580, 26.2305, 55.8066.



This preview shows how white text looks on a background with the XYZ color 39.4580, 26.2305,

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

39.4580, 26.2305, 55.8066

Protanopia

28.8975, 26.7872, 76.3204

Deuteranopia

27.2408, 26.6624, 53.0008



Tritanopia

32.9333, 26.3281, 23.4247

Trichromacy



Original Color

39.4580, 26.2305, 55.8066



Protanomaly

30.7128, 25.2878, 68.2280



Deuteranomaly

30.4129, 25.6420, 53.7985



Tritanomaly

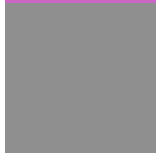
34.8613, 26.0830, 32.9029

Monochromacy



Original Color

39.4580, 26.2305, 55.8066



Achromatopsia

26.1081, 27.4677, 29.9124



Achromatomaly

29.8471, 26.0820, 38.1116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4580, 26.2305, 55.8066 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(203, 102, 197)` looks like.

```
.text, #text, p{  
    color:rgb(203, 102, 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(203, 102, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 102, 197) }
```

Border

The CSS property to change the border of an element to XYZ 39.4580, 26.2305, 55.8066 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(203, 102, 197) }
```


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

```
.border{ border-color:rgb(203, 102, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 102, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 102, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 102, 197);  
box-shadow:4px 4px 4px 4px rgb(203, 102,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4580, 26.2305, 55.8066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 102, 197) }
```

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

```
.background{ background-color: rgb(203,  
102, 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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