

Converting Colors

XYZ(39.3374, 30.9237, 54.9369)

Have a look what the booklet for
XYZ(39.3374, 30.9237, 54.9369)
contains.

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Color

**XYZ(39.4585, 31.0668,
54.9557)**

Conversions

Conversions Part 1

Format	Color
Hex	C082C2
RGB	192, 130, 194
RGB Percent	75%, 51%, 76%
CMY	0.2471, 0.4902, 0.2392
CMYK	0.01, 0.33, 0.00, 0.24
HSL	298°, 34%, 64%
HSV	298°, 33%, 76%
XYZ	39.4585, 31.0668, 54.9557
YIQ	155.8340, 16.4080, 33.0480

Conversions

Conversions Part 2

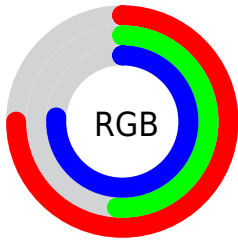
Format	Color
R _Y B	192, 130, 194
Decimal	12616386
CIE _{Lab}	62.56, 34.36, -23.78
CIE _{LCh}	63, 41.787, 325.308
Yxy	31.0668, 0.3145, 0.2476
Android (android.graphics.Color)	4290806466 (0xFFC082C2)
YUV	155.8340, 18.8158, 31.7176
Hunter-Lab	55.7376, 28.8253, -19.4419

Details

The XYZ color **39.4585, 31.0668, 54.9557** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **32.8378, 45.1015, 28.0954**, and the grayscale version is **31.4406, 33.0779, 36.0219**.

A 20% lighter version of the original color is **73.6200, 61.3858, 99.2352**, and **17.8461, 12.8038, 26.3417** is the 20% darker color. If you saturate the color by 10%, you get **36.9645, 26.3055, 54.1686**, and if you desaturate by 10%, it is **42.4416, 36.8041, 55.9063**.

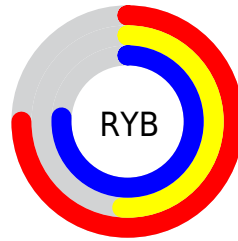
Distribution



Red (75%)

Green (51%)

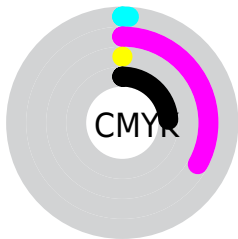
Blue (76%)



Red (75%)

Yellow (51%)

Blue (76%)

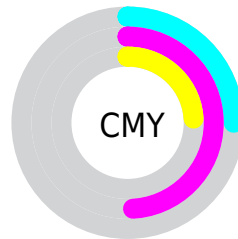


Cyan (1%)

Magenta (33%)

Yellow (0%)

Black (24%)



Cyan (25%)


Magenta (49%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4585, 31.0668, 54.9557 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 39.4585, 31.0668, 54.9557 by changing the saturation by 10% instead.


 39.4585, 31.0668,
54.9557


 39.4585, 31.0668,
54.9557

335.0096,
306.8459, 423.0212


 27.2989, 20.6497,
38.9679


 73.6278, 61.3452,
98.9465

 17.9356, 12.8682,
26.4271

 96.3683, 81.9754,
127.7867

 11.0032, 7.3379,
16.9148


 123.3664,
106.7786, 161.7480

 6.1363, 3.6743,
10.0125

154.9876,
136.1395, 201.2490

 2.9696, 1.4931,
5.3015

191.5971,
170.4422, 246.7083

 1.1377, 0.2838,
2.3634

233.5604,

 0.0563, 0.0000,

210.0713, 298.5444

0.7664

281.2428,
255.4110, 357.1759

■ 0.0000, 0.0000,
0.0000

■ 39.4585, 31.0668,
54.9557

■ 39.4585, 31.0668,
54.9557

■ 36.9645, 26.3055,
54.1686

■ 42.4416, 36.8041,
55.9063

■ 34.9292, 22.4613,
53.5338

■ 45.9361, 43.5639,
57.0269

■ 33.3234, 19.4753,
53.0421

■ 49.9665, 51.3945,
58.3260

■ 32.1136, 17.2801,
52.6822

■ 54.5548, 60.3400,
59.8108

■ 31.2608, 15.7981,
52.4411

■ 59.7219, 70.4422,
61.4884

■ 30.7186, 14.9364,
52.3033

■ 65.4876, 81.7404,
63.3653

■ 30.4620, 14.5788,
52.2478

■ 68.3261, 87.1836,
64.2663

■ 68.4844, 87.2651,
64.2737

■ 68.6432, 87.3470,
64.2811

Harmonies

Analogous

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



34.4518, 31.0668, 70.7533



39.4585, 31.0668, 54.9557



41.8171, 31.0668, 36.4521

Triad

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



39.4585, 31.0668, 54.9557



30.4312, 31.0668, 11.2357



20.7076, 31.0668, 49.0517

Complementary

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



39.4585, 31.0668, 54.9557



32.8378, 45.1015, 28.0954

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.



19.9186, 31.0668, 31.3300



39.4585, 31.0668, 54.9557



25.0974, 31.0668, 12.6846

Square

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



39.4585, 31.0668, 54.9557



36.1967, 31.0668, 14.0633



21.4214, 31.0668, 18.9541



23.7333, 31.0668, 66.6476

Rectangle

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



39.4585, 31.0668, 54.9557



41.3757, 31.0668, 26.2163



21.4214, 31.0668, 18.9541



20.1900, 31.0668, 42.7830

Sweetspot

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



39.4595, 31.0682, 54.9564



85.1896, 82.7395, 103.9501



27.2142, 25.1811, 54.4654



18.4354, 17.6916, 22.6931



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.



39.4595, 31.0682, 54.9564



67.9568, 49.5357, 98.4494



36.9446, 30.1211, 39.0530



10.4652, 10.2310, 12.7080



20.0413, 9.5921, 34.3518



0.8758, 0.4196, 1.4847

Inverse Universe

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



34.3966, 29.1019, 25.6354



57.3354, 45.4183, 36.5900



34.8323, 45.8636, 40.2145



10.0857, 10.0829, 10.5417



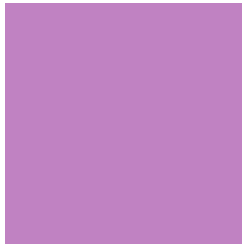
14.6550, 7.5518, 0.8293



0.6377, 0.3281, 0.0595

Previews

White Background



This preview shows how the XYZ color 39.4585, 31.0668, 54.9557 looks on a white background.

Color Contrast Check

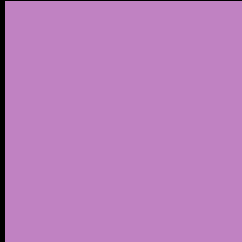
Large Text (above 18pt) WCAG AA × Fail

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 39.4585, 31.0668, 54.9557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

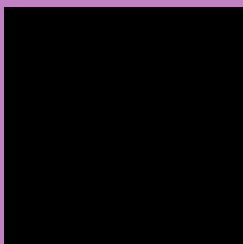
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4585, 31.0668, 54.9557

Background



This preview shows how black text looks on a background with the XYZ color 39.4585, 31.0668, 54.9557.



This preview shows how white text looks on a background with the XYZ color 39.4585, 31.0668,

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

39.4585, 31.0668, 54.9557

Protanopia

32.2465, 31.4845, 64.6991

Deuteranopia

31.8958, 31.3236, 53.0802



Tritanopia

34.9873, 31.1063, 33.0143

Trichromacy



Original Color

39.4585, 31.0668, 54.9557

Protanomaly

34.2391, 30.9731, 61.3006

Deuteranomaly

34.1812, 30.8941, 53.4518

Tritanomaly

36.4261, 31.0529, 40.1503

Monochromacy



Original Color

39.4585, 31.0668, 54.9557

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

34.0516, 32.2047, 42.4516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4585, 31.0668, 54.9557 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, 130, 194)` looks like.

```
.text, #text, p{  
    color:rgb(192, 130, 194)  
}
```

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, 130, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 130, 194) }
```

Border

The CSS property to change the border of an element to XYZ 39.4585, 31.0668, 54.9557 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, 130, 194) }
```


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

```
.border{ border-color:rgb(192, 130, 194) }
```

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

Here you see how a box with a 4 pixel rgb(192, 130, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 130, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 130, 194);  
box-shadow:4px 4px 4px 4px rgb(192, 130,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4585, 31.0668, 54.9557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 130, 194) }
```

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

```
.background{ background-color: rgb(192,  
130, 194) }
```

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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