

Converting Colors

XYZ(38.9076, 37.3614, 58.4151)

Have a look what the booklet for
XYZ(38.9076, 37.3614, 58.4151)
contains.

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Color

**XYZ(38.9534, 37.3085,
58.5743)**

Conversions

Conversions Part 1

Format	Color
Hex	A99FC6
RGB	169, 159, 198
RGB Percent	66%, 62%, 78%
CMY	0.3372, 0.3765, 0.2235
CMYK	0.15, 0.20, 0.00, 0.22
HSL	255°, 25%, 70%
HSV	255°, 20%, 78%
XYZ	38.9534, 37.3085, 58.5743
YIQ	166.4360, -6.5590, 14.2490

Conversions

Conversions Part 2

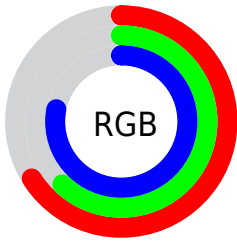
Format	Color
R_{YB}	169, 159, 198
Decimal	11116486
CIE _{Lab}	67.51, 11.45, -18.68
CIE _{LCh}	68, 21.910, 301.506
Yxy	37.3085, 0.2889, 0.2767
Android (android.graphics.Color)	4289306566 (0xFFA99FC6)
YUV	166.4360, 15.5611, 2.2486
Hunter-Lab	61.0807, 6.9448, -14.1006

Details

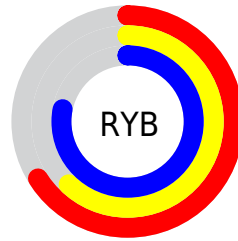
The XYZ color **38.9534, 37.3085, 58.5743** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.1923, 53.5837, 40.6579**, and the grayscale version is **36.3867, 38.2817, 41.6887**.

A 20% lighter version of the original color is **72.8370, 71.1604, 104.5042**, and **17.7327, 16.5206, 28.6397** is the 20% darker color. If you saturate the color by 10%, you get **32.8348, 29.4989, 57.3900**, and if you desaturate by 10%, it is **45.9755, 46.3954, 59.9587**.

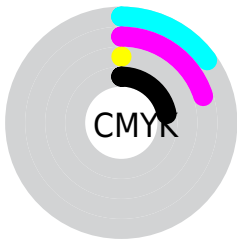
Distribution



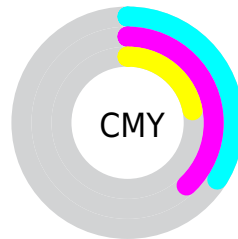
- Red (66%)
- Green (62%)
- Blue (78%)



- Red (66%)
- Yellow (62%)
- Blue (78%)



- Cyan (15%)
- Magenta (20%)
- Yellow (0%)
- Black (22%)



- Cyan (34%)
- Magenta (38%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.9534, 37.3085, 58.5743 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 38.9534, 37.3085, 58.5743 by changing the saturation by 10% instead.

■ 38.9534, 37.3085,
58.5743

■ 38.9534, 37.3085,
58.5743

332.9029,
334.6442, 436.9804

■ 26.9040, 25.4464,
41.8528

■ 72.8616, 71.0470,
104.2817

■ 17.6374, 16.4100,
28.6613

■ 95.4512, 93.6922,
134.1047

■ 10.7881, 9.8147,
18.5814

122.2850,
120.7007, 169.1319

■ 5.9907, 5.2763,
11.1945

153.7282,
152.4566, 209.7819

■ 2.8801, 2.4103,
6.0820

190.1462,
189.3446, 256.4732

■ 1.0907, 0.8312,
2.8254

231.9044,

■ 0.0173, 0.0000,

231.7489, 309.6244

1.0062

279.3682,
280.0540, 369.6539

■ 0.0000, 0.0000,
0.0000

■ 38.9534, 37.3085,
58.5743

■ 38.9534, 37.3085,
58.5743

■ 32.8348, 29.4989,
57.3900

■ 45.9755, 46.3954,
59.9587

■ 27.5785, 22.9040,
56.3941

■ 53.9329, 56.8090,
61.5494

■ 23.1452, 17.4630,
55.5775

■ 62.8602, 68.6019,
63.3551

■ 19.4913, 13.1077,
54.9294

■ 72.7892, 81.8223,
65.3836

■ 16.5685, 9.7628,
54.4379

■ 82.7843, 94.5844,
67.3201

■ 14.3231, 7.3429,
54.0891

■ 87.1932, 96.8573,
67.5265

■ 12.6930, 5.7480,
53.8672

■ 11.5757, 4.7997,
53.7430

■ 11.5466, 4.7750,
53.7398

Harmonies

Analogous

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



35.6311, 37.3085, 62.1248



38.9534, 37.3085, 58.5743



41.4616, 37.3085, 50.1279

Triad

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



38.9534, 37.3085, 58.5743



38.6405, 37.3085, 26.4064



29.3732, 37.3085, 41.1119

Complementary

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



38.9534, 37.3085, 58.5743



47.1923, 53.5837, 40.6579

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.



30.0685, 37.3085, 32.4020



38.9534, 37.3085, 58.5743



35.2907, 37.3085, 24.7609

Square

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



38.9534, 37.3085, 58.5743



41.2730, 37.3085, 31.6814



32.1831, 37.3085, 26.7738



30.2212, 37.3085, 51.1053

Rectangle

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



38.9534, 37.3085, 58.5743



42.2584, 37.3085, 43.4240



32.1831, 37.3085, 26.7738



29.4340, 37.3085, 37.9444

Sweetspot

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



38.9546, 37.3100, 58.5751



86.2993, 88.5294, 107.1472



42.5290, 47.5226, 60.3580



18.2758, 18.6932, 22.8949



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.



38.9546, 37.3100, 58.5751



63.7309, 59.3416, 102.7028



43.3930, 39.5982, 58.7828



10.3074, 10.4167, 13.3849



7.5772, 3.1404, 34.9512



0.4284, 0.1846, 1.6582

Inverse Universe

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



44.7651, 40.4344, 53.0237



76.1130, 66.0049, 90.6296



42.7619, 51.2997, 40.4506



10.9625, 10.7684, 12.7856



18.6184, 9.1969, 18.9982



0.9098, 0.4467, 1.0479

Previews

White Background



This preview shows how the XYZ color 38.9534, 37.3085, 58.5743 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 38.9534, 37.3085, 58.5743 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 38.9534, 37.3085, 58.5743

Background



This preview shows how black text looks on a background with the XYZ color 38.9534, 37.3085, 58.5743.



This preview shows how white text looks on a background with the XYZ color 38.9534, 37.3085,

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

38.9534, 37.3085, 58.5743

Protanopia

37.3501, 37.4794, 60.5240

Deuteranopia

38.2478, 37.4595, 58.6406



Tritanopia

36.4507, 37.3283, 46.3582

Trichromacy



Original Color

38.9534, 37.3085, 58.5743

Protanomaly

38.0436, 37.5879, 59.8936

Deuteranomaly

38.4897, 37.3258, 58.6021

Tritanomaly

37.2979, 37.4083, 50.6021

Monochromacy



Original Color

38.9534, 37.3085, 58.5743

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.0694, 37.6242, 47.4279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9534, 37.3085, 58.5743 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(169, 159, 198)` looks like.

```
.text, #text, p{  
    color:rgb(169, 159, 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(169, 159, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 159, 198) }
```

Border

The CSS property to change the border of an element to XYZ 38.9534, 37.3085, 58.5743 is called "border". The border property can be set on classes, ids or directly on the HTML element.

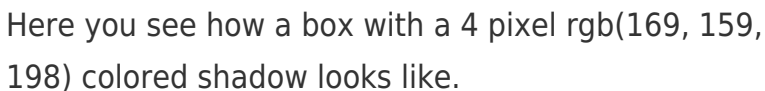
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 159, 198) }
```


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

```
.border{ border-color:rgb(169, 159, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 159, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 159, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 159, 198); box-shadow:4px 4px 4px 4px rgb(169, 159, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9534, 37.3085, 58.5743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 159, 198) }
```

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

```
.background{ background-color: rgb(169,  
159, 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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