

Converting Colors

XYZ(39.1694, 38.4097, 56.6029)

Have a look what the booklet for
XYZ(39.1694, 38.4097, 56.6029)
contains.

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Color

**XYZ(39.1970, 38.5244,
56.4090)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A3C2
RGB	169, 163, 194
RGB Percent	66%, 64%, 76%
CMY	0.3372, 0.3608, 0.2392
CMYK	0.13, 0.16, 0.00, 0.24
HSL	252°, 20%, 70%
HSV	252°, 16%, 76%
XYZ	39.1970, 38.5244, 56.4090
YIQ	168.3280, -6.3750, 10.9130

Conversions

Conversions Part 2

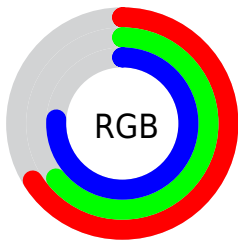
Format	Color
R_{YB}	169, 163, 194
Decimal	11117506
CIE Lab	68.41, 8.35, -15.10
CIE LCh	68, 17.260, 298.948
Yxy	38.5244, 0.2922, 0.2872
Android (android.graphics.Color)	4289307586 (0xFFA9A3C2)
YUV	168.3280, 12.6563, 0.5893
Hunter-Lab	62.0680, 4.1067, -10.4366

Details

The XYZ color **39.1970, 38.5244, 56.4090** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.6429, 51.9202, 42.2153**, and the grayscale version is **37.3235, 39.2672, 42.7620**.

A 20% lighter version of the original color is **73.2245, 72.9551, 101.4892**, and **17.7542, 17.0442, 27.1651** is the 20% darker color. If you saturate the color by 10%, you get **32.8552, 30.5287, 55.2005**, and if you desaturate by 10%, it is **46.4712, 47.7872, 57.8141**.

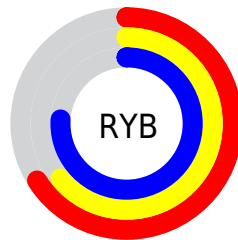
Distribution



Red (66%)

Green (64%)

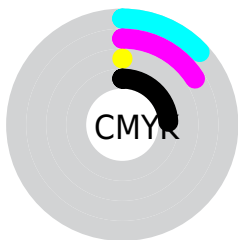
Blue (76%)



Red (66%)

Yellow (64%)

Blue (76%)

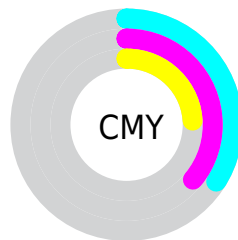


Cyan (13%)

Magenta (16%)

Yellow (0%)

Black (24%)



Cyan (34%)

Magenta (36%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1970, 38.5244, 56.4090 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 39.1970, 38.5244, 56.4090 by changing the saturation by 10% instead.

■ 39.1970, 38.5244,
56.4090

■ 39.1970, 38.5244,
56.4090

333.9201,
339.8642, 428.6626

■ 27.0944, 26.3899,
40.1247

■ 73.2313, 72.9112,
101.0941

■ 17.7811, 17.1156,
27.3213

■ 95.8938, 95.9323,
130.3320

■ 10.8917, 10.3169,
17.5801

122.8069,
123.3511, 164.7249

■ 6.0608, 5.6096,
10.4826

154.3361,
155.5520, 204.6912

■ 2.9231, 2.6092,
5.6103

190.8466,
192.9194, 250.6497

■ 1.1132, 0.9313,
2.5447

232.7039,

■ 0.0361, 0.0000,

235.8376, 303.0187

0.8637

280.2733,
284.6911, 362.2168

■ 0.0000, 0.0000,
0.0000

■ 39.1970, 38.5244,
56.4090

■ 39.1970, 38.5244,
56.4090

■ 32.8552, 30.5287,
55.2005

■ 46.4712, 47.7872,
57.8141

■ 27.4042, 23.7400,
54.1775

■ 54.7103, 58.3640,
59.4214

■ 22.8044, 18.1005,
53.3314

■ 63.9492, 70.3055,
61.2394

■ 19.0117, 13.5456,
52.6521

■ 74.2204, 83.6581,
63.2754

■ 15.9781, 10.0045,
52.1285

■ 83.9373, 95.2314,
64.9971

■ 13.6500, 7.3975,
51.7480

■ 86.7377, 96.6751,
65.1282

■ 11.9666, 5.6328,
51.4961

■ 10.8540, 4.5963,
51.3547

■ 10.5202, 4.2985,
51.3148

Harmonies

Analogous

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



36.5207, 38.5244, 58.7083



39.1970, 38.5244, 56.4090



41.2647, 38.5244, 50.1256

Triad

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



39.1970, 38.5244, 56.4090



39.3707, 38.5244, 30.4156



31.6491, 38.5244, 41.6731

Complementary

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



39.1970, 38.5244, 56.4090



46.6429, 51.9202, 42.2153

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.



32.3307, 38.5244, 34.7094



39.1970, 38.5244, 56.4090



36.7121, 38.5244, 28.7238

Square

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



39.1970, 38.5244, 56.4090



41.3684, 38.5244, 35.1294



34.1514, 38.5244, 30.1949



32.2428, 38.5244, 49.5930

Rectangle

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



39.1970, 38.5244, 56.4090



41.9728, 38.5244, 44.8732



34.1514, 38.5244, 30.1949



31.7361, 38.5244, 39.1500

Sweetspot

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



39.1982, 38.5260, 56.4099



85.4622, 88.2006, 104.9899



42.8940, 47.7846, 58.0021



18.4934, 19.0311, 22.9486



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.



39.1982, 38.5260, 56.4099



67.0137, 64.7343, 101.4327



42.6471, 40.3040, 56.5713



9.7062, 9.8397, 12.6725



6.9699, 2.8535, 33.7400



0.3569, 0.1520, 1.4604

Inverse Universe

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



44.4236, 41.2961, 53.2080



78.2193, 70.6772, 94.4467



43.0969, 50.0922, 42.0494



10.4110, 10.2130, 12.2550



18.6274, 9.1407, 21.7480



0.8268, 0.4037, 1.0553

Previews

White Background



This preview shows how the XYZ color 39.1970, 38.5244, 56.4090 looks on a white background.

Color Contrast Check

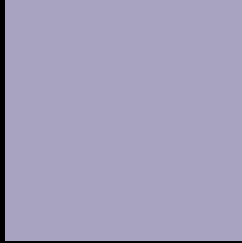
Large Text (above 18pt) WCAG AA × Fail

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 39.1970, 38.5244, 56.4090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

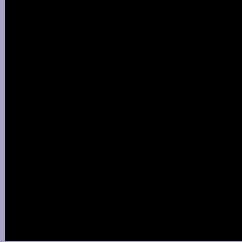
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.1970, 38.5244, 56.4090

Background



This preview shows how black text looks on a background with the XYZ color 39.1970, 38.5244, 56.4090.



This preview shows how white text looks on a background with the XYZ color 39.1970, 38.5244,

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

39.1970, 38.5244, 56.4090

Protanopia

38.1169, 38.4729, 57.6416

Deuteranopia

39.4124, 38.6355, 56.4191



Tritanopia

37.4988, 38.6341, 48.1286

Trichromacy



Original Color

39.1970, 38.5244, 56.4090

Protanomaly

38.4356, 38.3836, 57.0128

Deuteranomaly

39.4124, 38.6355, 56.4191

Tritanomaly

38.0432, 38.5864, 50.7902

Monochromacy



Original Color

39.1970, 38.5244, 56.4090

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.7205, 38.7716, 47.0906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1970, 38.5244, 56.4090 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, 163, 194)` looks like.

```
.text, #text, p{  
    color:rgb(169, 163, 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(169, 163, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 163, 194) }
```

Border

The CSS property to change the border of an element to XYZ 39.1970, 38.5244, 56.4090 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, 163, 194) }
```


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

```
.border{ border-color:rgb(169, 163, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 163, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 163, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 163, 194);  
box-shadow:4px 4px 4px 4px rgb(169, 163,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1970, 38.5244, 56.4090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 163, 194) }
```

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

```
.background{ background-color: rgb(169,  
163, 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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