

Converting Colors

XYZ(35.2974, 39.2054, 49.5335)

Have a look what the booklet for
XYZ(35.2974, 39.2054, 49.5335)
contains.

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Color

**XYZ(35.3058, 39.1371,
49.4095)**

Conversions

Conversions Part 1

Format	Color
Hex	94ACB5
RGB	148, 172, 181
RGB Percent	58%, 67%, 71%
CMY	0.4196, 0.3255, 0.2902
CMYK	0.18, 0.05, 0.00, 0.29
HSL	196°, 18%, 65%
HSV	196°, 18%, 71%
XYZ	35.3058, 39.1371, 49.4095
YIQ	165.8500, -17.1930, -2.2890

Conversions

Conversions Part 2

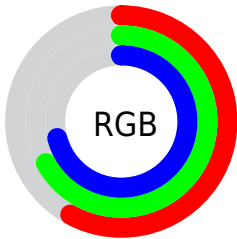
Format	Color
RYB	148, 162, 181
Decimal	9743541
CIELab	68.85, -6.31, -7.40
CIELCh	69, 9.723, 229.525
Yxy	39.1371, 0.2851, 0.3160
Android (android.graphics.Color)	4287933621 (0xFF94ACB5)
YUV	165.8500, 7.4689, -15.6545
Hunter-Lab	62.5597, -8.7422, -3.0354

Details

The XYZ color **35.3058, 39.1371, 49.4095** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.4588, 36.0761, 33.0597**, and the grayscale version is **36.1450, 38.0274, 41.4118**.

A 20% lighter version of the original color is **67.1123, 73.6092, 90.7916**, and **15.5425, 17.5328, 22.9871** is the 20% darker color. If you saturate the color by 10%, you get **31.3627, 35.7367, 48.9616**, and if you desaturate by 10%, it is **39.7980, 42.8744, 49.8947**.

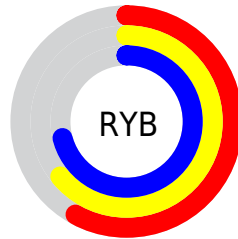
Distribution



Red (58%)

Green (67%)

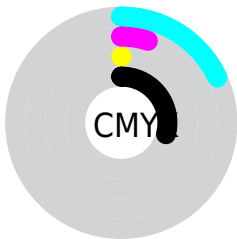
Blue (71%)



Red (58%)

Yellow (64%)

Blue (71%)

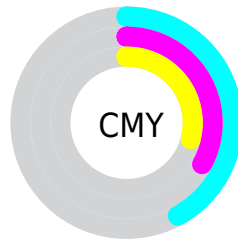


Cyan (18%)

Magenta (5%)

Yellow (0%)

Black (29%)



Cyan (42%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3058, 39.1371, 49.4095 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 35.3058, 39.1371, 49.4095 by changing the saturation by 10% instead.

■ 35.3058, 39.1371,
49.4095

■ 35.3058, 39.1371,
49.4095

317.4005,
342.4730, 401.0209

■ 24.0661, 26.8664,
34.5765

■ 67.2901, 73.8477,
90.6866

■ 15.5077, 17.4729,
23.0559

■ 88.7655, 97.0564,
117.9679

■ 9.2651, 10.5722,
14.4291

114.3836,
124.6799, 150.2356

■ 4.9730, 5.7800,
8.2776

144.5096,
157.1026, 187.9084

■ 2.2660, 2.7118,
4.1828

179.5089,
194.7088, 231.4048

■ 0.7772, 0.9832,
1.7261

219.7469,

■ 0.0000, 0.0000,

237.8831, 281.1433

0.3785

265.5890,
287.0097, 337.5425

■ 0.0000, 0.0000,
0.0000

■ 35.3058, 39.1371,
49.4095

■ 35.3058, 39.1371,
49.4095

■ 31.3627, 35.7367,
48.9616

■ 39.7980, 42.8744,
49.8947

■ 27.9413, 32.6555,
48.5472

■ 44.8585, 46.9560,
50.4158

■ 25.0166, 29.8810,
48.1658

■ 50.5097, 51.3950,
50.9748

■ 22.5604, 27.3981,
47.8160

■ 56.7716, 56.2022,
51.5726

■ 20.5413, 25.1901,
47.4963

■ 63.6634, 61.3880,
52.2104

■ 18.9239, 23.2381,
47.2047

■ 70.6111, 66.6572,
52.8612

■ 17.6669, 21.5202,
46.9394

■ 71.7848, 69.0046,
53.2525

■ 16.7027, 20.0009,
46.6970

■ 72.9959, 71.4268,
53.6562

■ 16.5442, 19.7433,
46.6556

■ 74.2447, 73.9244,
54.0724

Harmonies

Analogous

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



34.4718, 39.1371, 45.5170



35.3058, 39.1371, 49.4095



36.6618, 39.1371, 51.5270

Triad

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



35.3058, 39.1371, 49.4095



40.1930, 39.1371, 44.1773



36.2158, 39.1371, 35.0964

Complementary

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



35.3058, 39.1371, 49.4095



36.4588, 36.0761, 33.0597

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.



37.7407, 39.1371, 34.7924



35.3058, 39.1371, 49.4095



40.0656, 39.1371, 39.8365

Square

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



35.3058, 39.1371, 49.4095



39.5015, 39.1371, 48.3706



39.1580, 39.1371, 36.4714



34.9871, 39.1371, 37.3326

Rectangle

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



35.3058, 39.1371, 49.4095



37.6917, 39.1371, 51.5548



39.1580, 39.1371, 36.4714



36.7099, 39.1371, 34.7711

Sweetspot

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



35.3070, 39.1387, 49.4104



74.0175, 79.0193, 89.6457



34.8062, 41.7719, 38.0381



15.8659, 16.9718, 19.3619



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.3070, 39.1387, 49.4104



60.1950, 67.5043, 88.1516



32.3923, 33.3094, 48.4388



8.5428, 9.2318, 10.8380



11.4650, 13.7303, 32.1829



0.4062, 0.5229, 1.0278

Inverse Universe

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



37.0933, 33.9831, 43.6358



64.0482, 56.6515, 75.6357



39.4033, 41.9650, 34.0412



8.7492, 8.6064, 10.1776



16.0216, 7.9262, 15.8058



0.5271, 0.2586, 0.6181

Previews

White Background



This preview shows how the XYZ color 35.3058, 39.1371, 49.4095 looks on a white background.

Color Contrast Check

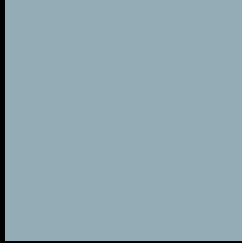
Large Text (above 18pt) WCAG AA × Fail

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 35.3058, 39.1371, 49.4095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

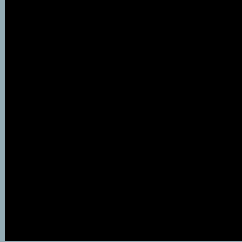
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.3058, 39.1371, 49.4095

Background



This preview shows how black text looks on a background with the XYZ color 35.3058, 39.1371, 49.4095.



This preview shows how white text looks on a background with the XYZ color 35.3058, 39.1371,

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

35.3058, 39.1371, 49.4095

Protanopia

38.0030, 39.1766, 47.6783

Deuteranopia

39.7759, 38.9604, 50.2234



Tritanopia

35.7143, 39.0182, 51.5479

Trichromacy



Original Color

35.3058, 39.1371, 49.4095

Protanomaly

37.0226, 39.2077, 48.2644

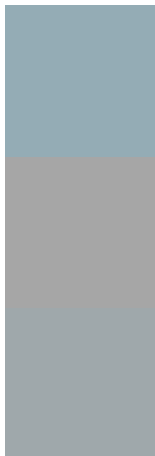
Deuteranomaly

37.8056, 38.7568, 49.7442

Tritanomaly

35.6091, 38.9761, 50.9937

Monochromacy



Original Color

35.3058, 39.1371, 49.4095

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.6514, 38.3165, 44.0449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3058, 39.1371, 49.4095 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(148, 172, 181)` looks like.

```
.text, #text, p{  
    color:rgb(148, 172, 181)  
}
```

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(148, 172, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 172, 181) }
```

Border

The CSS property to change the border of an element to XYZ 35.3058, 39.1371, 49.4095 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(148, 172, 181) }
```


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

```
.border{ border-color:rgb(148, 172, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 172, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 172, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 172, 181);  
box-shadow:4px 4px 4px 4px rgb(148, 172,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3058, 39.1371, 49.4095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 172, 181) }
```

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

```
.background{ background-color: rgb(148,  
172, 181) }
```

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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