

Converting Colors

XYZ(35.5076, 39.4064, 49.4618)

Have a look what the booklet for
XYZ(35.5076, 39.4064, 49.4618)
contains.

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Color

**XYZ(35.4968, 39.5192,
49.4732)**

Conversions

Conversions Part 1

Format	Color
Hex	94ADB5
RGB	148, 173, 181
RGB Percent	58%, 68%, 71%
CMY	0.4196, 0.3216, 0.2902
CMYK	0.18, 0.04, 0.00, 0.29
HSL	195°, 18%, 65%
HSV	195°, 18%, 71%
XYZ	35.4968, 39.5192, 49.4732
YIQ	166.4370, -17.4680, -2.8120

Conversions

Conversions Part 2

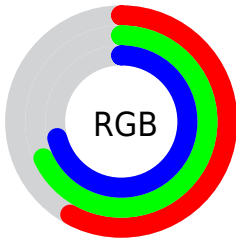
Format	Color
R_YB	148, 162, 181
Decimal	9743797
CIE Lab	69.13, -6.85, -6.99
CIE LCh	69, 9.786, 225.567
Yxy	39.5192, 0.2851, 0.3175
Android (android.graphics.Color)	4287933877 (0xFF94ADB5)
YUV	166.4370, 7.1796, -16.1692
Hunter-Lab	62.8643, -9.2212, -2.6553

Details

The XYZ color **35.4968, 39.5192, 49.4732** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.2902, 35.7389, 33.0034**, and the grayscale version is **36.4303, 38.3275, 41.7386**.

A 20% lighter version of the original color is **67.3866, 74.1578, 90.8830**, and **15.6634, 17.7746, 23.0274** is the 20% darker color. If you saturate the color by 10%, you get **31.6483, 36.3079, 49.0568**, and if you desaturate by 10%, it is **39.8873, 43.0530, 49.9245**.

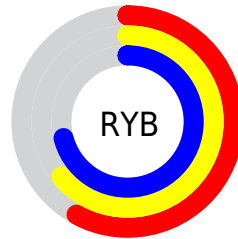
Distribution



Red (58%)

Green (68%)

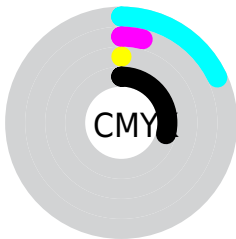
Blue (71%)



Red (58%)

Yellow (64%)

Blue (71%)

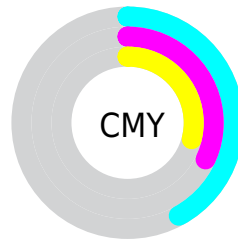


Cyan (18%)

Magenta (4%)

Yellow (0%)

Black (29%)



Cyan (42%)

Magenta (32%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4968, 39.5192, 49.4732 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 35.4968, 39.5192, 49.4732 by changing the saturation by 10% instead.

■ 35.4968, 39.5192,
49.4732

■ 35.4968, 39.5192,
49.4732

318.2255,
344.0929, 401.2781

■ 24.2141, 27.1639,
34.6268

■ 67.5836, 74.4308,
90.7821

■ 15.6181, 17.6963,
23.0943

■ 89.1185, 97.7559,
118.0816

■ 9.3435, 10.7322,
14.4572

114.8015,
125.5063, 150.3693

■ 5.0248, 5.8871,
8.2969

144.9980,
158.0665, 188.0636

■ 2.2967, 2.7765,
4.1951

180.0732,
195.8209, 231.5831

■ 0.7930, 1.0162,
1.7329

220.3927,

■ 0.0000, 0.0000,

239.1538, 281.3463

0.3832

266.3216,
288.4497, 337.7718

■ 0.0000, 0.0000,
0.0000

■ 35.4968, 39.5192,
49.4732

■ 35.4968, 39.5192,
49.4732

■ 31.6483, 36.3079,
49.0568

■ 39.8873, 43.0530,
49.9245

■ 28.3142, 33.4013,
48.6715

■ 44.8386, 46.9162,
50.4092

■ 25.4698, 30.7875,
48.3169

■ 50.3731, 51.1219,
50.9293

■ 23.0870, 28.4514,
47.9916

■ 56.5107, 55.6806,
51.4858

■ 21.1345, 26.3766,
47.6940

■ 63.2706, 60.6026,
52.0795

■ 19.5771, 24.5444,
47.4225

■ 70.0787, 65.5924,
52.6838

■ 18.3734, 22.9333,
47.1749

■ 71.1048, 67.6447,
53.0258

■ 17.4562, 21.5079,
46.9481

■ 72.1603, 69.7556,
53.3777

■ 17.3053, 21.2656,
46.9093

■ 73.2454, 71.9258,
53.7394

Harmonies

Analogous

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



34.7404, 39.5192, 45.3811



35.4968, 39.5192, 49.4732



36.8177, 39.5192, 51.9153

Triad

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



35.4968, 39.5192, 49.4732



40.5482, 39.5192, 45.2110



36.7610, 39.5192, 35.2592

Complementary

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



35.4968, 39.5192, 49.4732



36.2902, 35.7389, 33.0034

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.



38.3159, 39.5192, 35.2207



35.4968, 39.5192, 49.4732



40.5320, 39.5192, 40.7609

Square

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



35.4968, 39.5192, 49.4732



39.7490, 39.5192, 49.3412



39.7054, 39.5192, 37.1715



35.4563, 39.5192, 37.2807

Rectangle

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



35.4968, 39.5192, 49.4732



37.8541, 39.5192, 52.1776



39.7054, 39.5192, 37.1715



37.2710, 39.5192, 35.0188

Sweetspot

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



35.4980, 39.5208, 49.4741



74.1173, 79.2190, 89.6790



34.7127, 41.7346, 37.5463



15.8903, 17.0207, 19.3701



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.



35.4980, 39.5208, 49.4741



60.6088, 68.3319, 88.2896



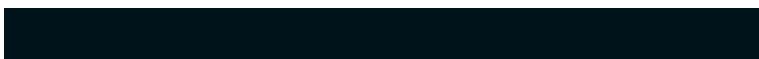
32.5772, 33.6792, 48.5005



8.5647, 9.2756, 10.8453



11.9858, 14.7720, 32.3566



0.4192, 0.5490, 1.0321

Inverse Universe

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



37.1897, 34.0216, 44.1437



64.2571, 56.7350, 76.7356



39.1927, 41.5439, 33.9709



8.7602, 8.6108, 10.2358



16.2845, 8.0314, 17.1902



0.5336, 0.2612, 0.6528

Previews

White Background



This preview shows how the XYZ color 35.4968, 39.5192, 49.4732 looks on a white background.

Color Contrast Check

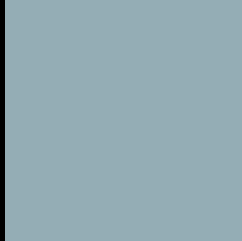
Large Text (above 18pt) WCAG AA × Fail

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 35.4968, 39.5192, 49.4732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

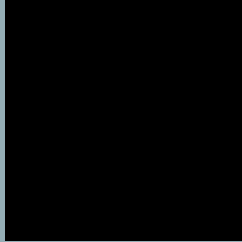
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

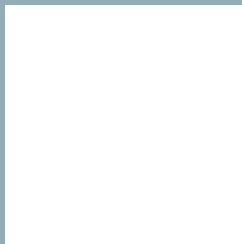
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.4968, 39.5192, 49.4732

Background



This preview shows how black text looks on a background with the XYZ color 35.4968, 39.5192, 49.4732.



This preview shows how white text looks on a background with the XYZ color 35.4968, 39.5192,

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

35.4968, 39.5192, 49.4732

Protanopia

38.2168, 39.2868, 47.6883

Deuteranopia

40.1828, 39.4348, 50.2936



Tritanopia

36.0099, 39.4398, 52.1691

Trichromacy



Original Color

35.4968, 39.5192, 49.4732

Protanomaly

37.0226, 39.2077, 48.2644

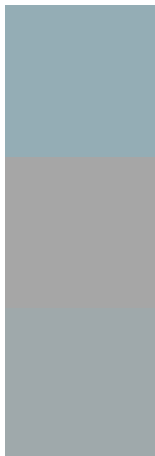
Deuteranomaly

38.1986, 39.2303, 49.8149

Tritanomaly

35.7987, 39.3553, 51.0569

Monochromacy



Original Color

35.4968, 39.5192, 49.4732

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.8367, 38.6871, 44.1066

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4968, 39.5192, 49.4732 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, 173, 181)` looks like.

```
.text, #text, p{  
    color:rgb(148, 173, 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, 173, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 173, 181) }
```

Border

The CSS property to change the border of an element to XYZ 35.4968, 39.5192, 49.4732 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, 173, 181) }
```


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

```
.border{ border-color:rgb(148, 173, 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, 173, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 173, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 173, 181);  
box-shadow:4px 4px 4px 4px rgb(148, 173,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4968, 39.5192, 49.4732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 173, 181) }
```

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

```
.background{ background-color: rgb(148,  
173, 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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