

Converting Colors

XYZ(39.0234, 39.5314, 54.3409)

Have a look what the booklet for
XYZ(39.0234, 39.5314, 54.3409)
contains.

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Color

**XYZ(39.0493, 39.5706,
54.2950)**

Conversions

Conversions Part 1

Format	Color
Hex	A7A7BE
RGB	167, 167, 190
RGB Percent	65%, 65%, 75%
CMY	0.3451, 0.3451, 0.2549
CMYK	0.12, 0.12, 0.00, 0.25
HSL	240°, 15%, 70%
HSV	240°, 12%, 75%
XYZ	39.0493, 39.5706, 54.2950
YIQ	169.6220, -7.3830, 7.1530

Conversions

Conversions Part 2

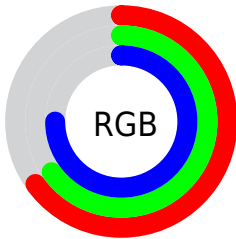
Format	Color
RYB	167, 167, 190
Decimal	10987454
CIELab	69.16, 4.62, -11.77
CIElCh	69, 12.641, 291.447
Yxy	39.5706, 0.2938, 0.2977
Android (android.graphics.Color)	4289177534 (0xFFA7A7BE)
YUV	169.6220, 10.0464, -2.2995
Hunter-Lab	62.9052, 0.7224, -7.1410

Details

The XYZ color **39.0493, 39.5706, 54.2950** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.6239, 50.5638, 43.8624**, and the grayscale version is **37.9756, 39.9533, 43.5092**.

A 20% lighter version of the original color is **72.8800, 74.4260, 97.7132**, and **17.7163, 17.7124, 26.1520** is the 20% darker color. If you saturate the color by 10%, you get **32.0982, 31.1954, 53.0454**, and if you desaturate by 10%, it is **47.1038, 49.2758, 55.7444**.

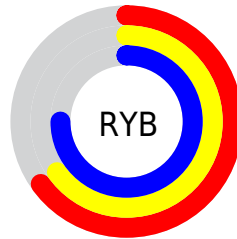
Distribution



Red (65%)

Green (65%)

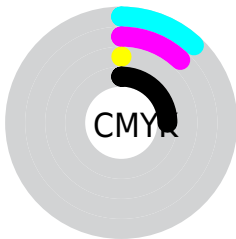
Blue (75%)



Red (65%)

Yellow (65%)

Blue (75%)

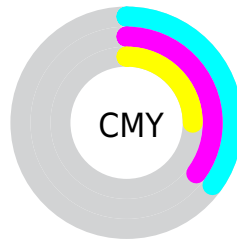


Cyan (12%)

Magenta (12%)

Yellow (0%)

Black (25%)



Cyan (35%)

Magenta (35%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0493, 39.5706, 54.2950 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 39.0493, 39.5706, 54.2950 by changing the saturation by 10% instead.

■ 39.0493, 39.5706,
54.2950

■ 39.0493, 39.5706,
54.2950

333.3036,
344.3104, 420.4403

■ 26.9790, 27.2039,
38.4428

■ 73.0072, 74.5092,
97.9680

■ 17.6939, 17.7264,
26.0220

■ 95.6255, 97.8499,
126.6259

■ 10.8288, 10.7538,
16.6142

122.4905,
125.6174, 160.3894

■ 6.0183, 5.9015,
9.8008

153.9676,
158.1960, 199.6771

■ 2.8970, 2.7853,
5.1632

190.4221,
195.9703, 244.9075

■ 1.0995, 1.0207,
2.2829

232.2193,

■ 0.0247, 0.0000,

239.3245, 296.4991

0.7216

279.7247,
288.6430, 354.8705

■ 0.0000, 0.0000,
0.0000

■ 39.0493, 39.5706,
54.2950

■ 39.0493, 39.5706,
54.2950

■ 32.0982, 31.1954,
53.0454

■ 47.1038, 49.2758,
55.7444

■ 26.1991, 24.0874,
51.9844

■ 56.3031, 60.3599,
57.3990

■ 21.3019, 18.1867,
51.1035

■ 66.6907, 72.8759,
59.2673

■ 17.3509, 13.4260,
50.3928

■ 78.3069, 86.8721,
61.3566

■ 14.2851, 9.7319,
49.8414

■ 86.2944, 96.4978,
62.7936

■ 12.0364, 7.0222,
49.4369

■ 10.5266, 5.2028,
49.1653

■ 9.6625, 4.1615,
49.0098

■ 9.2946, 3.7182,
48.9436

Harmonies

Analogous

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



37.0357, 39.5706, 55.0530



39.0493, 39.5706, 54.2950



40.7318, 39.5706, 50.3997

Triad

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



39.0493, 39.5706, 54.2950



40.0846, 39.5706, 34.9562



33.8977, 39.5706, 41.4517

Complementary

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



39.0493, 39.5706, 54.2950



46.6239, 50.5638, 43.8624

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.



34.6532, 39.5706, 36.5158



39.0493, 39.5706, 54.2950



38.1915, 39.5706, 32.9919

Square

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



39.0493, 39.5706, 54.2950



41.3443, 39.5706, 39.1437



36.2078, 39.5706, 33.5362



34.1089, 39.5706, 47.2838

Rectangle

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



39.0493, 39.5706, 54.2950



41.4158, 39.5706, 46.7243



36.2078, 39.5706, 33.5362



34.0461, 39.5706, 39.6410

Sweetspot

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



39.0505, 39.5723, 54.2959



82.3368, 85.6535, 100.4723



43.6029, 48.7441, 55.6069



17.8270, 18.5034, 22.0172



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



39.0505, 39.5723, 54.2959



66.6001, 66.6923, 97.6418



41.5006, 40.8347, 54.4104



9.0166, 9.2255, 11.9777



6.1803, 2.4724, 32.5444



0.2421, 0.0969, 1.2748

Inverse Universe

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



42.0299, 41.3755, 42.3321



73.2533, 70.7190, 70.9262



43.9527, 49.1875, 43.7376



9.5302, 9.5364, 9.9152



14.1203, 7.2793, 0.6613



0.5531, 0.2851, 0.0260

Previews

White Background



This preview shows how the XYZ color 39.0493, 39.5706, 54.2950 looks on a white background.

Color Contrast Check

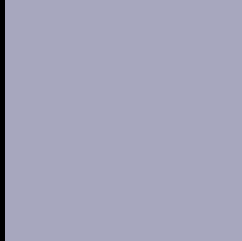
Large Text (above 18pt) WCAG AA × Fail

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 39.0493, 39.5706, 54.2950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

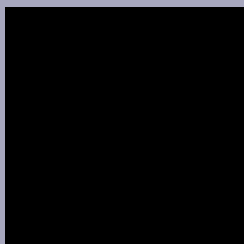
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.0493, 39.5706, 54.2950

Background



This preview shows how black text looks on a background with the XYZ color 39.0493, 39.5706, 54.2950.



This preview shows how white text looks on a background with the XYZ color 39.0493, 39.5706,

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

39.0493, 39.5706, 54.2950

Protanopia

38.6300, 39.3545, 54.2753

Deuteranopia

40.3586, 39.4265, 54.7732



Tritanopia

38.1720, 39.4897, 49.8664

Trichromacy



Original Color

39.0493, 39.5706, 54.2950

Protanomaly

38.8389, 39.4621, 54.2851

Deuteranomaly

39.8724, 39.4425, 54.8019

Tritanomaly

38.4855, 39.6150, 51.5170

Monochromacy



Original Color

39.0493, 39.5706, 54.2950

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.4860, 39.9853, 47.2845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0493, 39.5706, 54.2950 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(167, 167, 190)` looks like.

```
.text, #text, p{  
    color:rgb(167, 167, 190)  
}
```

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(167, 167, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 167, 190) }
```

Border

The CSS property to change the border of an element to XYZ 39.0493, 39.5706, 54.2950 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(167, 167, 190) }
```


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

```
.border{ border-color:rgb(167, 167, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 167, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 167, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 167, 190); box-shadow:4px 4px 4px 4px rgb(167, 167, 190) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0493, 39.5706, 54.2950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 167, 190) }
```

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

```
.background{ background-color: rgb(167,  
167, 190) }
```

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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