

Converting Colors

XYZ(39.1756, 38.5676, 54.4072)

Have a look what the booklet for
XYZ(39.1756, 38.5676, 54.4072)
contains.

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Color

**XYZ(39.2957, 38.6139,
54.6723)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA3BF
RGB	171, 163, 191
RGB Percent	67%, 64%, 75%
CMY	0.3294, 0.3608, 0.2510
CMYK	0.10, 0.15, 0.00, 0.25
HSL	257°, 18%, 69%
HSV	257°, 15%, 75%
XYZ	39.2957, 38.6139, 54.6723
YIQ	168.5840, -4.2200, 10.4040

Conversions

Conversions Part 2

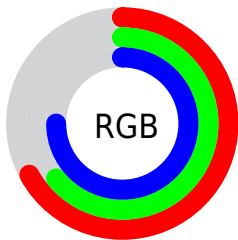
Format	Color
RYB	171, 163, 191
Decimal	11248575
CIELab	68.47, 8.38, -13.33
CIELCh	68, 15.743, 302.179
Yxy	38.6139, 0.2964, 0.2912
Android (android.graphics.Color)	4289438655 (0xFFABA3BF)
YUV	168.5840, 11.0511, 2.1188
Hunter-Lab	62.1401, 4.1334, -8.6667

Details

The XYZ color **39.2957, 38.6139, 54.6723** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.7715, 49.9742, 41.9385**, and the grayscale version is **37.4564, 39.4070, 42.9142**.

A 20% lighter version of the original color is **73.2239, 73.0270, 98.2320**, and **17.8796, 17.1258, 26.4080** is the 20% darker color. If you saturate the color by 10%, you get **33.3372, 30.8831, 53.4948**, and if you desaturate by 10%, it is **46.0755, 47.5304, 56.0366**.

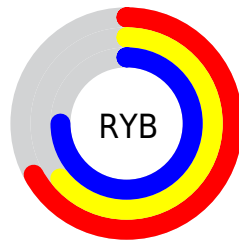
Distribution



Red (67%)

Green (64%)

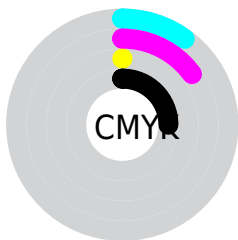
Blue (75%)



Red (67%)

Yellow (64%)

Blue (75%)

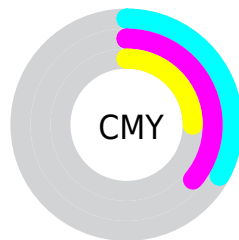


Cyan (10%)

Magenta (15%)

Yellow (0%)

Black (25%)



Cyan (33%)

Magenta (36%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2957, 38.6139, 54.6723 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 39.2957, 38.6139, 54.6723 by changing the saturation by 10% instead.

■ 39.2957, 38.6139,
54.6723

■ 39.2957, 38.6139,
54.6723

334.3316,
340.2462, 421.9154

■ 27.1716, 26.4595,
38.7426

■ 73.3810, 73.0481,
98.5270

■ 17.8394, 17.1677,
26.2532

■ 96.0729, 96.0967,
127.2890

■ 10.9337, 10.3541,
16.7857

123.0182,
123.5455, 161.1656

■ 6.0893, 5.6344,
9.9215

154.5821,
155.7789, 200.5753

■ 2.9406, 2.6241,
5.2420

191.1300,
193.1813, 245.9366

■ 1.1224, 0.9388,
2.3287

233.0274,

■ 0.0438, 0.0000,

236.1370, 297.6680

0.7473

280.6394,
285.0305, 356.1881

■ 0.0000, 0.0000,
0.0000

■ 39.2957, 38.6139,
54.6723

■ 39.2957, 38.6139,
54.6723

■ 33.3372, 30.8831,
53.4948

■ 46.0755, 47.5304,
56.0366

■ 28.1644, 24.2827,
52.4934

■ 53.7035, 57.6754,
57.5928

■ 23.7441, 18.7600,
51.6604

■ 62.2095, 69.0951,
59.3487

■ 20.0393, 14.2562,
50.9863

■ 71.6209, 81.8323,
61.3112

■ 17.0097, 10.7067,
50.4609

■ 80.8357, 93.6710,
63.1106

■ 14.6105, 8.0393,
50.0725

■ 85.6234, 96.1392,
63.3347

■ 12.7912, 6.1711,
49.8077

■ 86.4041, 96.5416,
63.3712

■ 11.4919, 5.0024,
49.6506

■ 10.9556, 4.5615,
49.5938

Harmonies

Analogous

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



36.8827, 38.6139, 57.1937



39.2957, 38.6139, 54.6723



41.0750, 38.6139, 48.7338

Triad

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



39.2957, 38.6139, 54.6723



38.9684, 38.6139, 31.1013



32.1465, 38.6139, 42.5646

Complementary

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



39.2957, 38.6139, 54.6723



44.7715, 49.9742, 41.9385

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.



32.6497, 38.6139, 35.9962



39.2957, 38.6139, 54.6723



36.5206, 38.6139, 29.8378

Square

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



39.2957, 38.6139, 54.6723



40.8802, 38.6139, 35.1925



34.2238, 38.6139, 31.5274



32.8175, 38.6139, 49.7316

Rectangle

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



39.2957, 38.6139, 54.6723



41.6229, 38.6139, 43.9267



34.2238, 38.6139, 31.5274



32.1839, 38.6139, 40.2158

Sweetspot

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



39.2969, 38.6155, 54.6732



83.2900, 86.1445, 100.5168



41.4568, 45.4438, 55.8773



18.0734, 18.6303, 22.0287



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.



39.2969, 38.6155, 54.6732



66.3423, 63.8970, 97.1159



42.4939, 40.2636, 54.8228



9.2656, 9.3538, 11.9893



7.2695, 3.0336, 32.5953



0.3515, 0.1532, 1.2799

Inverse Universe

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



43.1316, 40.6914, 50.3827



74.7387, 68.4450, 87.5908



41.6194, 48.3493, 41.7910



9.8106, 9.6485, 11.3916



17.0974, 8.4701, 16.3384



0.6966, 0.3425, 0.7813

Previews

White Background



This preview shows how the XYZ color 39.2957, 38.6139, 54.6723 looks on a white background.

Color Contrast Check

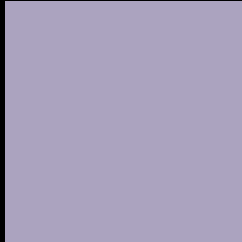
Large Text (above 18pt) WCAG AA × Fail

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 39.2957, 38.6139, 54.6723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

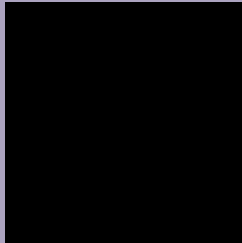
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2957, 38.6139, 54.6723

Background



This preview shows how black text looks on a background with the XYZ color 39.2957, 38.6139, 54.6723.



This preview shows how white text looks on a background with the XYZ color 39.2957, 38.6139,

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

39.2957, 38.6139, 54.6723

Protanopia

38.1621, 38.8041, 55.9307

Deuteranopia

39.5144, 38.7266, 54.6826



Tritanopia

37.8532, 38.5596, 47.5672

Trichromacy



Original Color

39.2957, 38.6139, 54.6723

Protanomaly

38.4866, 38.7154, 55.3135

Deuteranomaly

39.5144, 38.7266, 54.6826

Tritanomaly

38.4003, 38.5159, 50.2101

Monochromacy



Original Color

39.2957, 38.6139, 54.6723

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.3321, 39.3578, 47.1715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2957, 38.6139, 54.6723 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(171, 163, 191)` looks like.

```
.text, #text, p{  
    color:rgb(171, 163, 191)  
}
```

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(171, 163, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 163, 191) }
```

Border

The CSS property to change the border of an element to XYZ 39.2957, 38.6139, 54.6723 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(171, 163, 191) }
```


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

```
.border{ border-color:rgb(171, 163, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 163, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 163, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 163, 191);  
box-shadow:4px 4px 4px 4px rgb(171, 163,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2957, 38.6139, 54.6723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 163, 191) }
```

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

```
.background{ background-color: rgb(171,  
163, 191) }
```

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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