

Converting Colors

XYZ(39.5771, 39.7191, 57.1829)

Have a look what the booklet for
XYZ(39.5771, 39.7191, 57.1829)
contains.

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Color

**XYZ(39.6054, 39.7931,
57.2232)**

Conversions

Conversions Part 1

Format	Color
Hex	A7A7C3
RGB	167, 167, 195
RGB Percent	65%, 65%, 76%
CMY	0.3451, 0.3451, 0.2353
CMYK	0.14, 0.14, 0.00, 0.24
HSL	240°, 19%, 71%
HSV	240°, 14%, 76%
XYZ	39.6054, 39.7931, 57.2232
YIQ	170.1920, -8.9880, 8.7080

Conversions

Conversions Part 2

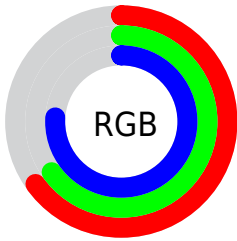
Format	Color
RYB	167, 167, 195
Decimal	10987459
CIELab	69.32, 5.69, -14.29
CIELCh	69, 15.384, 291.713
Yxy	39.7931, 0.2899, 0.2913
Android (android.graphics.Color)	4289177539 (0xFFA7A7C3)
YUV	170.1920, 12.2303, -2.7994
Hunter-Lab	63.0818, 1.6767, -9.6263

Details

The XYZ color **39.6054, 39.7931, 57.2232** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.9960, 53.4220, 44.2892**, and the grayscale version is **38.2494, 40.2413, 43.8228**.

A 20% lighter version of the original color is **73.8162, 74.8004, 102.6429**, and **18.0087, 17.8294, 27.6916** is the 20% darker color. If you saturate the color by 10%, you get **32.4857, 31.2147, 55.9433**, and if you desaturate by 10%, it is **47.8873, 49.7722, 58.7135**.

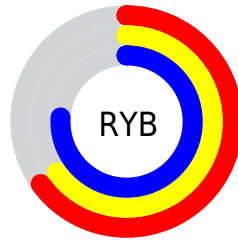
Distribution



Red (65%)

Green (65%)

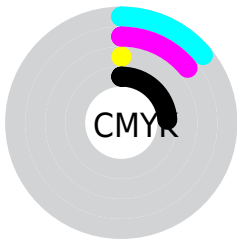
Blue (76%)



Red (65%)

Yellow (65%)

Blue (76%)

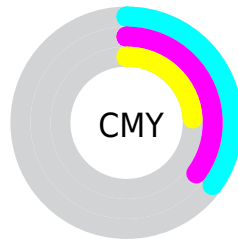


Cyan (14%)

Magenta (14%)

Yellow (0%)

Black (24%)



Cyan (35%)

Magenta (35%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.6054, 39.7931, 57.2232 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 39.6054, 39.7931, 57.2232 by changing the saturation by 10% instead.

■ 39.6054, 39.7931,
57.2232

■ 39.6054, 39.7931,
57.2232

335.6206,
345.2507, 431.8023

■ 27.4139, 27.3773,
40.7739

■ 73.8504, 74.8484,
102.2944

■ 18.0225, 17.8568,
27.8241

■ 96.6346, 98.2566,
131.7533

■ 11.0659, 10.8472,
17.9552

123.6804,
126.0977, 166.3859

■ 6.1788, 5.9642,
10.7487

155.3531,
158.7561, 206.6107

■ 2.9958, 2.8233,
5.7861

192.0181,
196.6162, 252.8461

■ 1.1515, 1.0402,
2.6488

234.0408,

■ 0.0676, 0.0000,

240.0624, 305.5109

0.9175

281.7865,
289.4792, 365.0234

■ 0.0000, 0.0000,
0.0000

■ 39.6054, 39.7931,
57.2232

■ 39.6054, 39.7931,
57.2232

■ 32.4857, 31.2147,
55.9433

■ 47.8873, 49.7722,
58.7135

■ 26.4728, 23.9696,
54.8618

■ 57.3761, 61.2054,
60.4202

■ 21.5123, 17.9925,
53.9695

■ 68.1190, 74.1495,
62.3525

■ 17.5436, 13.2105,
53.2557

■ 80.1592, 88.6567,
64.5180

■ 14.5001, 9.5432,
52.7082

■ 86.8505, 96.7202,
65.7218

■ 12.3070, 6.9006,
52.3137

■ 10.8780, 5.1786,
52.0567

■ 10.1083, 4.2510,
51.9182

■ 9.8506, 3.9405,
51.8718

Harmonies

Analogous

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



37.1422, 39.7931, 58.2190



39.6054, 39.7931, 57.2232



41.6713, 39.7931, 52.3077

Triad

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



39.6054, 39.7931, 57.2232



40.8398, 39.7931, 33.5103



33.3171, 39.7931, 41.3981

Complementary

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



39.6054, 39.7931, 57.2232



48.9960, 53.4220, 44.2892

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.



34.2177, 39.7931, 35.4396



39.6054, 39.7931, 57.2232



38.5104, 39.7931, 31.2207

Square

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



39.6054, 39.7931, 57.2232



42.4053, 39.7931, 38.4911



36.0932, 39.7931, 31.8865



33.5817, 39.7931, 48.5539

Rectangle

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



39.6054, 39.7931, 57.2232



42.5101, 39.7931, 47.7346



36.0932, 39.7931, 31.8865



33.4922, 39.7931, 39.2012

Sweetspot

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



39.6066, 39.7948, 57.2241



86.2382, 89.7109, 105.2405



45.2498, 51.1655, 58.8452



18.6188, 19.3246, 22.9987



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.



39.6066, 39.7948, 57.2241



67.0203, 66.5550, 101.7838



42.6166, 41.3458, 57.3648



9.5284, 9.7481, 12.6642



6.4023, 2.5612, 33.7135



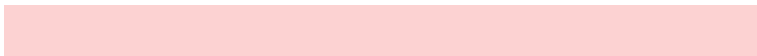
0.2766, 0.1107, 1.4567

Inverse Universe

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



43.3004, 42.0305, 42.3917



74.8149, 71.2728, 70.4846



45.6566, 51.7012, 44.1330



10.0733, 10.0779, 10.4764



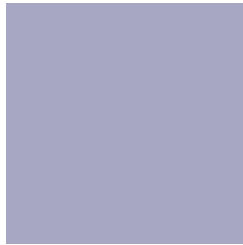
14.6276, 7.5408, 0.6849



0.6320, 0.3258, 0.0297

Previews

White Background



This preview shows how the XYZ color 39.6054, 39.7931, 57.2232 looks on a white background.

Color Contrast Check

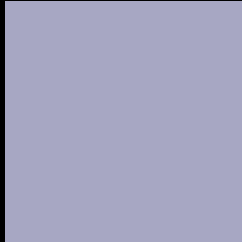
Large Text (above 18pt) WCAG AA × Fail

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 39.6054, 39.7931, 57.2232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

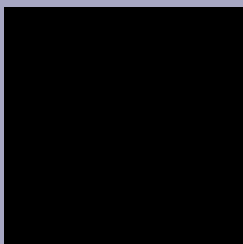
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

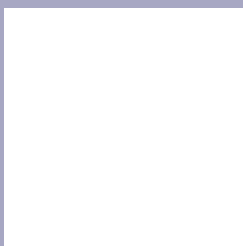
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.6054, 39.7931, 57.2232

Background



This preview shows how black text looks on a background with the XYZ color 39.6054, 39.7931, 57.2232.



This preview shows how white text looks on a background with the XYZ color 39.6054, 39.7931,

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

39.6054, 39.7931, 57.2232

Protanopia

39.2763, 39.8833, 57.8527

Deuteranopia

40.5390, 39.7346, 57.1627



Tritanopia

38.2523, 39.7942, 50.4647

Trichromacy



Original Color

39.6054, 39.7931, 57.2232

Protanomaly

39.4835, 39.9901, 57.8624

Deuteranomaly

40.2811, 39.8705, 57.2025

Tritanomaly

38.6982, 39.7001, 52.6370

Monochromacy



Original Color

39.6054, 39.7931, 57.2232

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.6868, 40.0656, 48.3422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6054, 39.7931, 57.2232 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(167, 167, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 167, 195) }
```

Border

The CSS property to change the border of an element to XYZ 39.6054, 39.7931, 57.2232 is called "border". The border property can be set on classes, ids or directly on the HTML element.

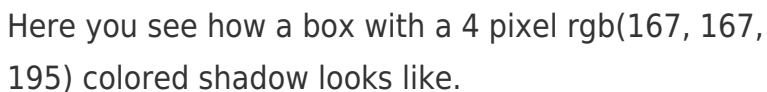
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 167, 195) }
```


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

```
.border{ border-color:rgb(167, 167, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 167, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 167, 195); box-shadow:4px 4px 4px 4px rgb(167, 167, 195) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6054, 39.7931, 57.2232 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, 195) }
```

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

```
.background{ background-color: rgb(167,  
167, 195) }
```

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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