

Converting Colors

XYZ(39.2814, 40.3745, 59.1495)

Have a look what the booklet for
XYZ(39.2814, 40.3745, 59.1495)
contains.

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Color

**XYZ(39.2657, 40.4037,
59.1553)**

Conversions

Conversions Part 1

Format	Color
Hex	A1AAC6
RGB	161, 170, 198
RGB Percent	63%, 67%, 78%
CMY	0.3686, 0.3333, 0.2235
CMYK	0.19, 0.14, 0.00, 0.22
HSL	225°, 25%, 70%
HSV	225°, 19%, 78%
XYZ	39.2657, 40.4037, 59.1553
YIQ	170.5010, -14.3520, 6.8000

Conversions

Conversions Part 2

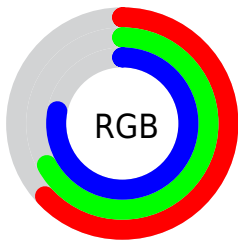
Format	Color
R _Y B	161, 168, 198
Decimal	10595014
CIE Lab	69.76, 2.75, -15.34
CIE LCh	70, 15.584, 280.160
Yxy	40.4037, 0.2828, 0.2910
Android (android.graphics.Color)	4288785094 (0xFFA1AAC6)
YUV	170.5010, 13.5570, -8.3324
Hunter-Lab	63.5639, -0.9710, -10.6831

Details

The XYZ color **39.2657, 40.4037, 59.1553** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.9197, 50.9742, 41.0325**, and the grayscale version is **38.3991, 40.3988, 43.9943**.

A 20% lighter version of the original color is **73.2941, 75.6694, 105.3504**, and **17.8191, 18.2217, 28.9635** is the 20% darker color. If you saturate the color by 10%, you get **32.9368, 33.2073, 58.1005**, and if you desaturate by 10%, it is **46.5490, 48.5694, 60.3482**.

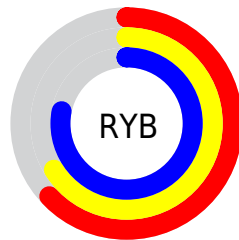
Distribution



Red (63%)

Green (67%)

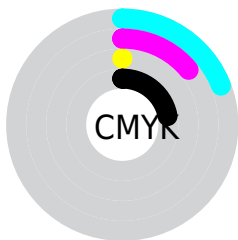
Blue (78%)



Red (63%)

Yellow (66%)

Blue (78%)

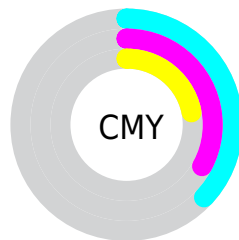


Cyan (19%)

Magenta (14%)

Yellow (0%)

Black (22%)



Cyan (37%)

Magenta (33%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2657, 40.4037, 59.1553 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 39.2657, 40.4037, 59.1553 by changing the saturation by 10% instead.

■ 39.2657, 40.4037,
59.1553

■ 39.2657, 40.4037,
59.1553

334.2066,
347.8222, 439.1951

■ 27.1481, 27.8534,
42.3173

■ 73.3355, 75.7779,
105.1347

■ 17.8217, 18.2152,
29.0224

■ 96.0185, 99.3706,
135.1132

■ 10.9209, 11.1046,
18.8521

122.9540,
127.4129, 170.3089

■ 6.0806, 6.1372,
11.3877

154.5073,
160.2891, 211.1404

■ 2.9353, 2.9287,
6.2108

191.0439,
198.3838, 258.0262

■ 1.1196, 1.0946,
2.9028

232.9291,

■ 0.0414, 0.0000,

242.0813, 311.3849

1.0452

280.5282,
291.7660, 371.6350

■ 0.0000, 0.0000,
0.0000

■ 39.2657, 40.4037,
59.1553

■ 39.2657, 40.4037,
59.1553

■ 32.9368, 33.2073,
58.1005

■ 46.5490, 48.5694,
60.3482

■ 27.5184, 26.9385,
57.1761

■ 54.8210, 57.7341,
61.6812

■ 22.9682, 21.5599,
56.3777

■ 64.1187, 67.9324,
63.1596

■ 19.2393, 17.0296,
55.6998

■ 74.4760, 79.1957,
64.7878

■ 16.2801, 13.3019,
55.1363

■ 84.0609, 90.5926,
66.4824

■ 14.0327, 10.3266,
54.6804

■ 87.1932, 96.8573,
67.5265

■ 12.4303, 8.0472,
54.3249

■ 11.3723, 6.3873,
54.0603

■ 11.2572, 6.2053,
54.0312

Harmonies

Analogous

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



36.7774, 40.4037, 58.4182



39.2657, 40.4037, 59.1553



41.6210, 40.4037, 55.5035

Triad

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



39.2657, 40.4037, 59.1553



42.2356, 40.4037, 35.6173



34.0123, 40.4037, 39.4383

Complementary

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



39.2657, 40.4037, 59.1553



47.9197, 50.9742, 41.0325

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.



35.3543, 40.4037, 34.1948



39.2657, 40.4037, 59.1553



40.0748, 40.4037, 32.1620

Square

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



39.2657, 40.4037, 59.1553



43.3848, 40.4037, 41.5843



37.5521, 40.4037, 31.6715



33.8171, 40.4037, 46.4925

Rectangle

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



39.2657, 40.4037, 59.1553



42.7718, 40.4037, 51.2839



37.5521, 40.4037, 31.6715



34.3414, 40.4037, 37.4276

Sweetspot

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



39.2669, 40.4054, 59.1562



86.0605, 90.0471, 107.4527



44.0510, 51.6293, 55.6465



18.2196, 19.0505, 22.9668



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.



39.2669, 40.4054, 59.1562



65.2575, 66.7102, 104.0447



39.5705, 38.1419, 58.7033



10.2628, 10.6996, 13.4418



7.3777, 4.1493, 35.1564



0.4081, 0.3141, 1.6843

Inverse Universe

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



43.2903, 40.3988, 43.5481



73.5934, 66.8420, 71.6738



47.5522, 53.7490, 41.5875



10.7379, 10.6786, 11.6031



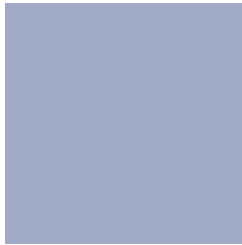
15.5232, 7.9589, 2.6993



0.7647, 0.3887, 0.2841

Previews

White Background



This preview shows how the XYZ color 39.2657, 40.4037, 59.1553 looks on a white background.

Color Contrast Check

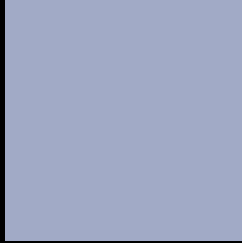
Large Text (above 18pt) WCAG AA × Fail

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 39.2657, 40.4037, 59.1553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

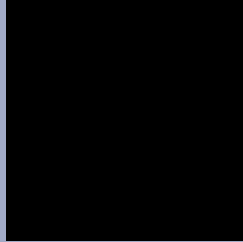
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2657, 40.4037, 59.1553

Background



This preview shows how black text looks on a background with the XYZ color 39.2657, 40.4037, 59.1553.



This preview shows how white text looks on a background with the XYZ color 39.2657, 40.4037,

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

39.2657, 40.4037, 59.1553

Protanopia

39.7831, 40.4065, 58.5258

Deuteranopia

41.1786, 40.2802, 59.6373



Tritanopia

37.9135, 40.4211, 52.2582

Trichromacy



Original Color

39.2657, 40.4037, 59.1553

Protanomaly

39.5759, 40.2997, 58.5161

Deuteranomaly

40.4897, 40.1960, 59.6574

Tritanomaly

38.3544, 40.3171, 54.4757

Monochromacy



Original Color

39.2657, 40.4037, 59.1553

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.8397, 40.6775, 49.5205

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2657, 40.4037, 59.1553 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(161, 170, 198)` looks like.

```
.text, #text, p{  
    color:rgb(161, 170, 198)  
}
```

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(161, 170, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 170, 198) }
```

Border

The CSS property to change the border of an element to XYZ 39.2657, 40.4037, 59.1553 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(161, 170, 198) }
```


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

```
.border{ border-color:rgb(161, 170, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 170, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 170, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 170, 198);  
box-shadow:4px 4px 4px 4px rgb(161, 170,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2657, 40.4037, 59.1553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 170, 198) }
```

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

```
.background{ background-color: rgb(161,  
170, 198) }
```

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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