

Converting Colors

XYZ(39.5921, 39.8095, 60.8641)

Have a look what the booklet for
XYZ(39.5921, 39.8095, 60.8641)
contains.

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Color

**XYZ(39.4656, 39.6410,
60.8298)**

Conversions

Conversions Part 1

Format	Color
Hex	A3A7C9
RGB	163, 167, 201
RGB Percent	64%, 65%, 79%
CMY	0.3608, 0.3451, 0.2118
CMYK	0.19, 0.17, 0.00, 0.21
HSL	234°, 26%, 71%
HSV	234°, 19%, 79%
XYZ	39.4656, 39.6410, 60.8298
YIQ	169.6800, -13.2980, 9.7260

Conversions

Conversions Part 2

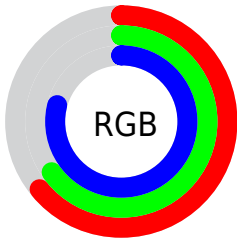
Format	Color
RYB	163, 167, 201
Decimal	10725321
CIELab	69.21, 5.72, -17.80
CIELCh	69, 18.698, 287.815
Yxy	39.6410, 0.2820, 0.2833
Android (android.graphics.Color)	4288915401 (0xFFA3A7C9)
YUV	169.6800, 15.4408, -5.8584
Hunter-Lab	62.9611, 1.7064, -13.2102

Details

The XYZ color **39.4656, 39.6410, 60.8298** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.6649, 54.9944, 42.5960**, and the grayscale version is **37.9806, 39.9586, 43.5149**.

A 20% lighter version of the original color is **73.0847, 74.3680, 105.1102**, and **17.9527, 17.7476, 30.0832** is the 20% darker color. If you saturate the color by 10%, you get **32.6041, 31.5493, 59.6302**, and if you desaturate by 10%, it is **47.4418, 48.9895, 62.2145**.

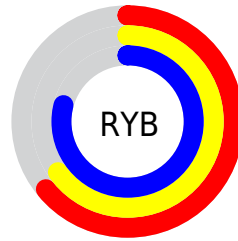
Distribution



Red (64%)

Green (65%)

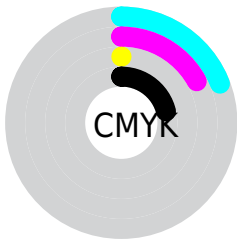
Blue (79%)



Red (64%)

Yellow (65%)

Blue (79%)

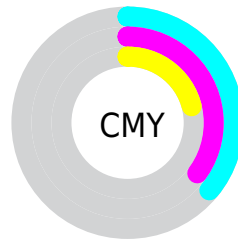


Cyan (19%)

Magenta (17%)

Yellow (0%)

Black (21%)



Cyan (36%)

Magenta (35%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4656, 39.6410, 60.8298 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 39.4656, 39.6410, 60.8298 by changing the saturation by 10% instead.

■ 39.4656, 39.6410,
60.8298

■ 39.4656, 39.6410,
60.8298

335.0392,
344.6081, 445.5389

■ 27.3045, 27.2587,
43.6582

■ 73.6386, 74.6165,
107.5876

■ 17.9398, 17.7676,
30.0666

■ 96.3812, 97.9786,
138.0108

■ 11.0062, 10.7833,
19.6367

123.3816,
125.7694, 173.6883

■ 6.1383, 5.9213,
11.9498

155.0053,
158.3733, 215.0387

■ 2.9708, 2.7973,
6.5874

191.6175,
196.1748, 262.4803

■ 1.1384, 1.0268,
3.1309

233.5836,

■ 0.0568, 0.0000,

239.5581, 316.4319

1.1619

281.2691,
288.9078, 377.3119

■ 0.0000, 0.0000,
0.0000

■ 39.4656, 39.6410,
60.8298

■ 39.4656, 39.6410,
60.8298

■ 32.6041, 31.5493,
59.6302

■ 47.4418, 48.9895,
62.2145

■ 26.8040, 24.6559,
58.6054

■ 56.5755, 59.6400,
63.7889

■ 22.0132, 18.9052,
57.7479

■ 66.9118, 71.6418,
65.5607

■ 18.1735, 14.2350,
57.0488

■ 78.4922, 85.0399,
67.5364

■ 15.2209, 10.5774,
56.4984

■ 87.5427, 96.9971,
69.3673

■ 13.0833, 7.8564,
56.0859

■ 11.6774, 5.9853,
55.7988

■ 10.8794, 4.8495,
55.6217

■ 10.8140, 4.7596,
55.6078

Harmonies

Analogous

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



36.4760, 39.6410, 61.3579



39.4656, 39.6410, 60.8298



42.1042, 39.6410, 55.2018

Triad

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



39.4656, 39.6410, 60.8298



41.6754, 39.6410, 32.0665



32.3282, 39.6410, 39.7764

Complementary

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



39.4656, 39.6410, 60.8298



50.6649, 54.9944, 42.5960

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.



33.5726, 39.6410, 33.0145



39.4656, 39.6410, 60.8298



38.9053, 39.6410, 28.9746

Square

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



39.4656, 39.6410, 60.8298



43.4258, 39.6410, 38.3143



35.9444, 39.6410, 29.2970



32.4604, 39.6410, 48.4030

Rectangle

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



39.4656, 39.6410, 60.8298



43.2610, 39.6410, 49.6890



35.9444, 39.6410, 29.2970



32.5965, 39.6410, 37.2337

Sweetspot

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



39.4668, 39.6426, 60.8307



85.4309, 88.7878, 107.2428



46.0202, 53.5720, 60.4790



18.0713, 18.7538, 22.9173



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.



39.4668, 39.6426, 60.8307



62.1503, 61.4911, 103.2010



41.9015, 39.8263, 60.7378



10.1451, 10.4642, 13.4026



6.8321, 3.0582, 34.9746



0.3547, 0.2072, 1.6664

Inverse Universe

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



44.1607, 41.4030, 42.2250



71.7821, 65.1872, 65.0033



47.8535, 54.9119, 42.7283



10.6785, 10.6548, 11.2903



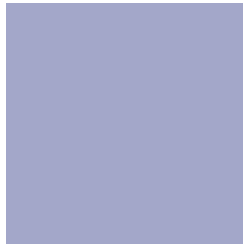
15.2479, 7.8487, 1.2493



0.7377, 0.3779, 0.1420

Previews

White Background



This preview shows how the XYZ color 39.4656, 39.6410, 60.8298 looks on a white background.

Color Contrast Check

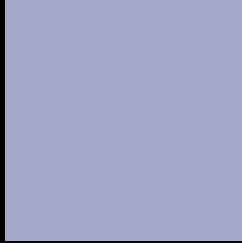
Large Text (above 18pt) WCAG AA × Fail

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 39.4656, 39.6410, 60.8298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

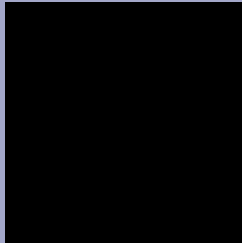
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4656, 39.6410, 60.8298

Background



This preview shows how black text looks on a background with the XYZ color 39.4656, 39.6410, 60.8298.



This preview shows how white text looks on a background with the XYZ color 39.4656, 39.6410,

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

39.4656, 39.6410, 60.8298

Protanopia

39.2616, 39.5359, 60.8202

Deuteranopia

40.3599, 39.5623, 60.7674



Tritanopia

37.5237, 39.6837, 51.0294

Trichromacy



Original Color

39.4656, 39.6410, 60.8298

Protanomaly

39.2616, 39.5359, 60.8202

Deuteranomaly

40.1152, 39.7050, 60.8079

Tritanomaly

38.1802, 39.6707, 54.3601

Monochromacy



Original Color

39.4656, 39.6410, 60.8298

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.4648, 39.9276, 49.3955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4656, 39.6410, 60.8298 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(163, 167, 201)` looks like.

```
.text, #text, p{  
    color:rgb(163, 167, 201)  
}
```

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(163, 167, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 167, 201) }
```

Border

The CSS property to change the border of an element to XYZ 39.4656, 39.6410, 60.8298 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(163, 167, 201) }
```


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

```
.border{ border-color:rgb(163, 167, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 167, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 167, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 167, 201);  
box-shadow:4px 4px 4px 4px rgb(163, 167,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4656, 39.6410, 60.8298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 167, 201) }
```

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

```
.background{ background-color: rgb(163,  
167, 201) }
```

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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