

Converting Colors

XYZ(39.2760, 39.8275, 59.1991)

Have a look what the booklet for
XYZ(39.2760, 39.8275, 59.1991)
contains.

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Color

**XYZ(39.2999, 39.8690,
59.0502)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A3A8C6 |
| RGB | 163, 168, 198 |
| RGB Percent | 64%, 66%, 78% |
| CMY | 0.3608, 0.3412, 0.2235 |
| CMYK | 0.18, 0.15, 0.00, 0.22 |
| HSL | 231°, 23%, 71% |
| HSV | 231°, 18%, 78% |
| XYZ | 39.2999, 39.8690, 59.0502 |
| YIQ | 169.9250, -12.6100, 8.2700 |

Conversions

Conversions Part 2

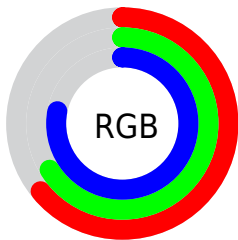
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 163, 167, 198 |
| Decimal | 10725574 |
| CIE Lab | 69.38, 4.49, -15.90 |
| CIE LCh | 69, 16.522, 285.787 |
| Yxy | 39.8690, 0.2843, 0.2884 |
| Android (android.graphics.Color) | 4288915654 (0xFFA3A8C6) |
| YUV | 169.9250, 13.8410, -6.0732 |
| Hunter-Lab | 63.1419, 0.6011, -11.2486 |

Details

The XYZ color **39.2999, 39.8690, 59.0502** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.9698, 52.7899, 42.2597**, and the grayscale version is **38.1098, 40.0945, 43.6629**.

A 20% lighter version of the original color is **73.3511, 74.9008, 105.1990**, and **17.8350, 17.8839, 28.8975** is the 20% darker color. If you saturate the color by 10%, you get **32.6278, 32.0789, 57.8989**, and if you desaturate by 10%, it is **47.0181, 48.8074, 60.3693**.

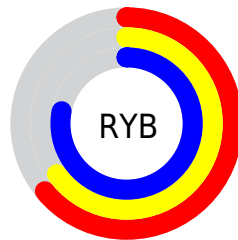
Distribution



Red (64%)

Green (66%)

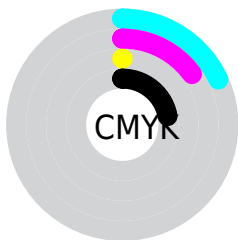
Blue (78%)



Red (64%)

Yellow (65%)

Blue (78%)

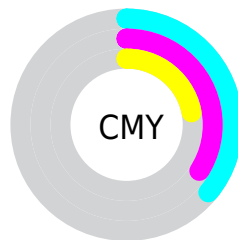


Cyan (18%)

Magenta (15%)

Yellow (0%)

Black (22%)



Cyan (36%)

Magenta (34%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2999, 39.8690, 59.0502 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 39.2999, 39.8690, 59.0502 by changing the saturation by 10% instead.

■ 39.2999, 39.8690,
59.0502

■ 39.2999, 39.8690,
59.0502

334.3491,
345.5711, 438.7950

■ 27.1749, 27.4364,
42.2333

■ 73.3874, 74.9640,
104.9805

■ 17.8419, 17.9013,
28.9570

■ 96.0806, 98.3952,
134.9309

■ 10.9355, 10.8791,
18.8030

123.0272,
126.2614, 170.0961

■ 6.0905, 5.9856,
11.3527

154.5926,
158.9470, 210.8949

■ 2.9414, 2.8363,
6.1874

191.1421,
196.8363, 257.7456

■ 1.1228, 1.0469,
2.8888

233.0411,

■ 0.0441, 0.0000,

240.3139, 311.0668

1.0381

280.6550,
289.7640, 371.2771

■ 0.0000, 0.0000,
0.0000

■ 39.2999, 39.8690,
59.0502

■ 39.2999, 39.8690,
59.0502

■ 32.6278, 32.0789,
57.8989

■ 47.0181, 48.8074,
60.3693

■ 26.9529, 25.3855,
56.9060

■ 55.8210, 58.9330,
61.8598

■ 22.2280, 19.7407,
56.0655

■ 65.7500, 70.2891,
63.5284

■ 18.4005, 15.0907,
55.3697

■ 76.8430, 82.9152,
65.3809

■ 15.4125, 11.3771,
54.8104

■ 86.5129, 95.4968,
67.2997

■ 13.1994, 8.5349,
54.3784

■ 87.1932, 96.8573,
67.5264

■ 11.6866, 6.4907,
54.0636

■ 10.7738, 5.1530,
53.8535

■ 10.6155, 4.9219,
53.8172

Harmonies

Analogous

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



36.6549, 39.8690, 59.1779



39.2999, 39.8690, 59.0502



41.6715, 39.8690, 54.4221

Triad

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



39.2999, 39.8690, 59.0502



41.5659, 39.8690, 33.7539



33.1588, 39.8690, 39.9197

Complementary

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



39.2999, 39.8690, 59.0502



48.9698, 52.7899, 42.2597

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.



34.3525, 39.8690, 33.9946



39.2999, 39.8690, 59.0502



39.1613, 39.8690, 30.7267

Square

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



39.2999, 39.8690, 59.0502



43.0209, 39.8690, 39.5540



36.5226, 39.8690, 30.8093



33.1921, 39.8690, 47.5100

Rectangle

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



39.2999, 39.8690, 59.0502



42.7424, 39.8690, 49.6857



36.5226, 39.8690, 30.8093



33.4274, 39.8690, 37.6874

Sweetspot

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



39.3011, 39.8706, 59.0511



87.1262, 90.8863, 107.5585



44.8968, 52.0145, 57.9801



18.4189, 19.1887, 22.9830



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.



39.3011, 39.8706, 59.0511



65.0843, 65.3515, 103.7915



41.0264, 39.4154, 58.8723



10.1770, 10.5280, 13.4132



6.9417, 3.2772, 35.0111



0.3693, 0.2363, 1.6713

Inverse Universe

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



43.4547, 41.0283, 42.6765



73.7531, 67.8520, 69.5980



46.9947, 53.4410, 42.4895



10.6946, 10.6612, 11.3750



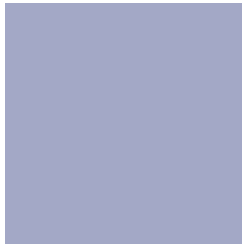
15.3032, 7.8708, 1.5404



0.7451, 0.3809, 0.1808

Previews

White Background



This preview shows how the XYZ color 39.2999, 39.8690, 59.0502 looks on a white background.

Color Contrast Check

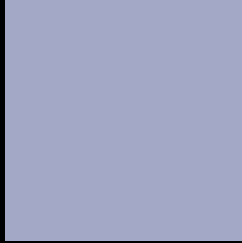
Large Text (above 18pt) WCAG AA × Fail

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 39.2999, 39.8690, 59.0502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

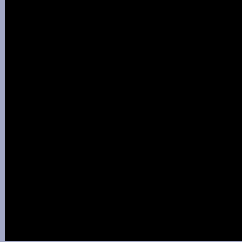
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2999, 39.8690, 59.0502

Background



This preview shows how black text looks on a background with the XYZ color 39.2999, 39.8690, 59.0502.



This preview shows how white text looks on a background with the XYZ color 39.2999, 39.8690,

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

39.2999, 39.8690, 59.0502

Protanopia

39.5055, 39.9750, 59.0599

Deuteranopia

40.7772, 39.8044, 59.5667



Tritanopia

37.5237, 39.6837, 51.0294

Trichromacy



Original Color

39.2999, 39.8690, 59.0502

Protanomaly

39.5055, 39.9750, 59.0599

Deuteranomaly

40.3072, 39.8310, 59.5966

Tritanomaly

38.0712, 39.6271, 53.7863

Monochromacy



Original Color

39.2999, 39.8690, 59.0502

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.3625, 39.8867, 48.8570

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2999, 39.8690, 59.0502 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, 168, 198)` looks like.

```
.text, #text, p{  
    color:rgb(163, 168, 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(163, 168, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 168, 198) }
```

Border

The CSS property to change the border of an element to XYZ 39.2999, 39.8690, 59.0502 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, 168, 198) }
```


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

```
.border{ border-color:rgb(163, 168, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 168, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 168, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 168, 198);  
box-shadow:4px 4px 4px 4px rgb(163, 168,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2999, 39.8690, 59.0502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 168, 198) }
```

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

```
.background{ background-color: rgb(163,  
168, 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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