

Converting Colors

XYZ(39.4771, 42.5773, 59.5662)

Have a look what the booklet for
XYZ(39.4771, 42.5773, 59.5662)
contains.

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Color

**XYZ(39.4328, 42.4901,
59.5492)**

Conversions

Conversions Part 1

Format	Color
Hex	9BB1C6
RGB	155, 177, 198
RGB Percent	61%, 69%, 78%
CMY	0.3921, 0.3059, 0.2235
CMYK	0.22, 0.11, 0.00, 0.22
HSL	209°, 27%, 69%
HSV	209°, 22%, 78%
XYZ	39.4328, 42.4901, 59.5492
YIQ	172.8160, -19.8530, 1.8670

Conversions

Conversions Part 2

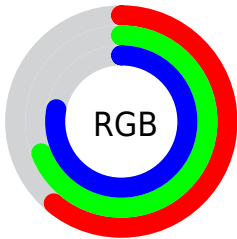
Format	Color
RYB	155, 170, 198
Decimal	10203590
CIELab	71.21, -2.98, -13.20
CIELCh	71, 13.531, 257.279
Yxy	42.4901, 0.2787, 0.3003
Android (android.graphics.Color)	4288393670 (0xFF9BB1C6)
YUV	172.8160, 12.4157, -15.6246
Hunter-Lab	65.1844, -6.0906, -8.5352

Details

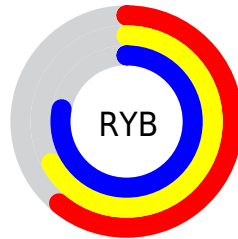
The XYZ color **39.4328, 42.4901, 59.5492** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.7309, 45.4232, 37.4214**, and the grayscale version is **39.5739, 41.6348, 45.3403**.

A 20% lighter version of the original color is **73.7673, 79.1995, 106.0068**, and **17.9612, 19.5644, 29.2152** is the 20% darker color. If you saturate the color by 10%, you get **34.0976, 37.0052, 58.7724**, and if you desaturate by 10%, it is **45.5290, 48.5703, 60.4022**.

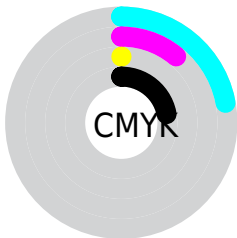
Distribution



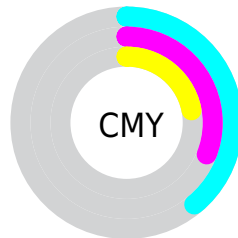
- Red (61%)
- Green (69%)
- Blue (78%)



- Red (61%)
- Yellow (67%)
- Blue (78%)



- Cyan (22%)
- Magenta (11%)
- Yellow (0%)
- Black (22%)



- Cyan (39%)
- Magenta (31%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4328, 42.4901, 59.5492 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 39.4328, 42.4901, 59.5492 by changing the saturation by 10% instead.

■ 39.4328, 42.4901,
59.5492

■ 39.4328, 42.4901,
59.5492

334.9026,
356.5106, 440.6926

■ 27.2788, 29.4852,
42.6325

■ 73.5889, 78.9408,
105.7124

■ 17.9204, 19.4482,
29.2676

■ 96.3217, 103.1555,
135.7960

■ 10.9922, 11.9946,
19.0360

123.3115,
131.8756, 171.1055

■ 6.1288, 6.7400,
11.5192

154.9236,
165.4854, 212.0597

■ 2.9650, 3.3000,
6.2987

191.5234,
204.3694, 259.0769

■ 1.1353, 1.2903,
2.9558

233.4763,

■ 0.0543, 0.1337,

248.9121, 312.5757

1.0721

281.1476,
299.4976, 372.9748

■ 0.0000, 0.0000,
0.0000

■ 39.4328, 42.4901,
59.5492

■ 39.4328, 42.4901,
59.5492

■ 34.0976, 37.0052,
58.7724

■ 45.5290, 48.5703,
60.4022

■ 29.4864, 32.0893,
58.0666

■ 52.4134, 55.2607,
61.3307

■ 25.5647, 27.7214,
57.4302

■ 60.1163, 62.5818,
62.3378

■ 22.2936, 23.8769,
56.8605

■ 68.6653, 70.5517,
63.4256

■ 19.6296, 20.5289,
56.3547

■ 78.0868, 79.1877,
64.5959

■ 17.5235, 17.6473,
55.9095

■ 81.1465, 84.7639,
65.5110

■ 15.9168, 15.1969,
55.5212

■ 83.9907, 90.4524,
66.4591

■ 14.8772, 13.4453,
55.2379

■ 86.9878, 96.4465,
67.4581

■ 87.1932, 96.8573,
67.5266

Harmonies

Analogous

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



37.4984, 42.4901, 56.0609



39.4328, 42.4901, 59.5492



41.6949, 42.4901, 59.2455

Triad

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



39.4328, 42.4901, 59.5492



44.6948, 42.4901, 42.6528



37.2654, 42.4901, 38.2975

Complementary

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



39.4328, 42.4901, 59.5492



44.7309, 45.4232, 37.4214

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.



39.1039, 42.4901, 35.3333



39.4328, 42.4901, 59.5492



43.4172, 42.4901, 37.6815

Square

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



39.4328, 42.4901, 59.5492



44.7909, 42.4901, 49.0698



41.3536, 42.4901, 35.1189



36.2789, 42.4901, 43.5682

Rectangle

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



39.4328, 42.4901, 59.5492



43.0852, 42.4901, 56.9317



41.3536, 42.4901, 35.1189



37.8011, 42.4901, 37.0206

Sweetspot

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



39.4341, 42.4918, 59.5502



86.0672, 91.3344, 107.7008



41.5276, 50.4836, 48.5185



18.2634, 19.3950, 23.0310



0.0000, 0.0000, 0.0000



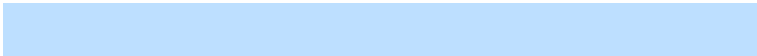
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.4341, 42.4918, 59.5502



65.2492, 70.5751, 104.7911



35.5526, 34.7288, 58.2563



10.4979, 11.1698, 13.5202



9.7608, 8.9156, 35.9508



0.5345, 0.5669, 1.7264

Inverse Universe

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



42.9470, 38.6239, 46.7885



72.6417, 62.8337, 77.8460



49.2366, 54.4344, 38.9232



10.8566, 10.7260, 12.2280



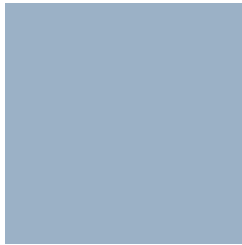
16.7262, 8.4400, 9.0337



0.8285, 0.4142, 0.6201

Previews

White Background



This preview shows how the XYZ color 39.4328, 42.4901, 59.5492 looks on a white background.

Color Contrast Check

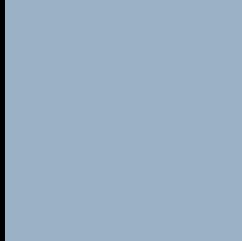
Large Text (above 18pt) WCAG AA × Fail

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 39.4328, 42.4901, 59.5492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

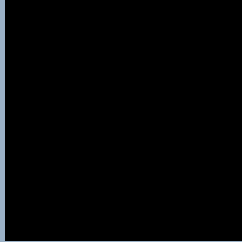
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

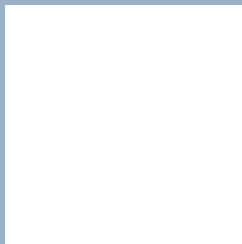
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.4328, 42.4901, 59.5492

Background



This preview shows how black text looks on a background with the XYZ color 39.4328, 42.4901, 59.5492.



This preview shows how white text looks on a background with the XYZ color 39.4328, 42.4901,

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

39.4328, 42.4901, 59.5492

Protanopia

41.5885, 42.4852, 57.6383

Deuteranopia

43.3905, 42.5033, 60.5606



Tritanopia

38.7612, 42.5166, 56.0328

Trichromacy



Original Color

39.4328, 42.4901, 59.5492

Protanomaly

40.6169, 42.2570, 58.2402

Deuteranomaly

41.8299, 42.5567, 60.0424

Tritanomaly

38.9844, 42.6059, 57.2080

Monochromacy



Original Color

39.4328, 42.4901, 59.5492

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.3054, 41.7565, 50.2442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4328, 42.4901, 59.5492 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(155, 177, 198)` looks like.

```
.text, #text, p{  
    color:rgb(155, 177, 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(155, 177, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 177, 198) }
```

Border

The CSS property to change the border of an element to XYZ 39.4328, 42.4901, 59.5492 is called "border". The border property can be set on classes, ids or directly on the HTML element.

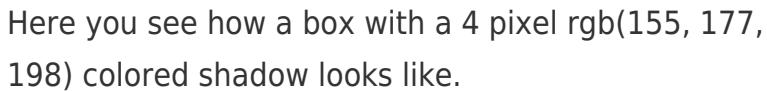
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 177, 198) }
```


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

```
.border{ border-color:rgb(155, 177, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 177, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 177, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 177, 198); box-shadow:4px 4px 4px 4px rgb(155, 177, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4328, 42.4901, 59.5492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 177, 198) }
```

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

```
.background{ background-color: rgb(155,  
177, 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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