

Converting Colors

XYZ(39.2987, 41.0219, 59.0463)

Have a look what the booklet for
XYZ(39.2987, 41.0219, 59.0463)
contains.

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Color

**XYZ(39.2436, 40.9532,
59.2625)**

Conversions

Conversions Part 1

Format	Color
Hex	9FACC6
RGB	159, 172, 198
RGB Percent	62%, 67%, 78%
CMY	0.3765, 0.3255, 0.2235
CMYK	0.20, 0.13, 0.00, 0.22
HSL	220°, 25%, 70%
HSV	220°, 20%, 78%
XYZ	39.2436, 40.9532, 59.2625
YIQ	171.0770, -16.0940, 5.3300

Conversions

Conversions Part 2

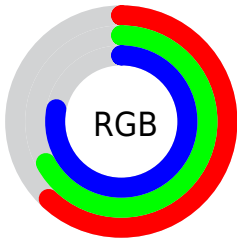
Format	Color
R _Y B	159, 169, 198
Decimal	10464454
CIE Lab	70.14, 1.01, -14.77
CIE LCh	70, 14.806, 273.915
Yxy	40.9532, 0.2814, 0.2937
Android (android.graphics.Color)	4288654534 (0xFF9FACC6)
YUV	171.0770, 13.2730, -10.5915
Hunter-Lab	63.9947, -2.5288, -10.1094

Details

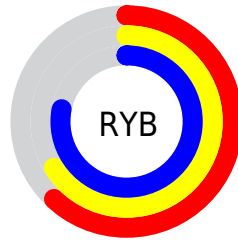
The XYZ color **39.2436, 40.9532, 59.2625** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.8959, 49.2067, 39.8279**, and the grayscale version is **38.6896, 40.7044, 44.3271**.

A 20% lighter version of the original color is **73.2506, 76.4543, 105.5042**, and **17.8139, 18.5724, 29.0315** is the 20% darker color. If you saturate the color by 10%, you get **33.2389, 34.3128, 58.2979**, and if you desaturate by 10%, it is **46.1292, 48.4202, 60.3415**.

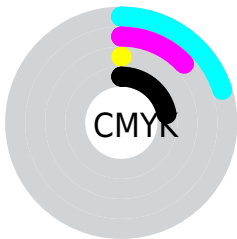
Distribution



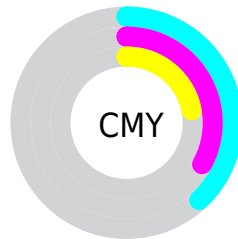
- Red (62%)
- Green (67%)
- Blue (78%)



- Red (62%)
- Yellow (66%)
- Blue (78%)



- Cyan (20%)
- Magenta (13%)
- Yellow (0%)
- Black (22%)



- Cyan (38%)
- Magenta (33%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2436, 40.9532, 59.2625 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 39.2436, 40.9532, 59.2625 by changing the saturation by 10% instead.

■ 39.2436, 40.9532,
59.2625

■ 39.2436, 40.9532,
59.2625

334.1144,
350.1250, 439.6029

■ 27.1309, 28.2825,
42.4031

■ 73.3020, 76.6128,
105.2920

■ 17.8086, 18.5387,
29.0891

■ 95.9784, 100.3706,
135.2991

■ 10.9115, 11.3375,
18.9021

122.9067,
128.5928, 170.5258

■ 6.0742, 6.2943,
11.4234

154.4522,
161.6639, 211.3907

■ 2.9314, 3.0248,
6.2347

190.9804,
199.9683, 258.3123

■ 1.1176, 1.1447,
2.9172

232.8566,

■ 0.0397, 0.0158,

243.8903, 311.7092

1.0525

280.4462,
293.8144, 371.9999

■ 0.0000, 0.0000,
0.0000

■ 39.2436, 40.9532,
59.2625

■ 39.2436, 40.9532,
59.2625

■ 33.2389, 34.3128,
58.2979

■ 46.1292, 48.4202,
60.3415

■ 28.0744, 28.4642,
57.4412

■ 53.9269, 56.7371,
61.5359

■ 23.7113, 23.3770,
56.6893

■ 62.6708, 65.9323,
62.8499

■ 20.1063, 19.0173,
56.0378

■ 72.3921, 76.0316,
64.2869

■ 17.2117, 15.3479,
55.4821

■ 82.0073, 86.4855,
65.7979

■ 14.9738, 12.3278,
55.0171

■ 85.9921, 94.4551,
67.1262

■ 13.3302, 9.9108,
54.6372

■ 87.1932, 96.8573,
67.5265

■ 12.1731, 8.0259,
54.3343

■ 12.1421, 7.9751,
54.3262

Harmonies

Analogous

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



36.9131, 40.9532, 57.6727



39.2436, 40.9532, 59.2625



41.5811, 40.9532, 56.5985

Triad

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



39.2436, 40.9532, 59.2625



42.9182, 40.9532, 37.5565



34.8907, 40.9532, 38.9807

Complementary

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



39.2436, 40.9532, 59.2625



46.8959, 49.2067, 39.8279

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.



36.3841, 40.9532, 34.4147



39.2436, 40.9532, 59.2625



41.0083, 40.9532, 33.6542

Square

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



39.2436, 40.9532, 59.2625



43.7576, 40.9532, 43.6867



38.6077, 40.9532, 32.5660



34.4616, 40.9532, 45.5079

Rectangle

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



39.2436, 40.9532, 59.2625



42.8104, 40.9532, 52.9156



38.6077, 40.9532, 32.5660



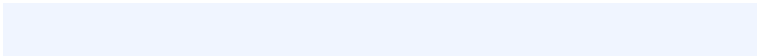
35.2817, 40.9532, 37.1889

Sweetspot

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



39.2449, 40.9549, 59.2634



86.4756, 90.8772, 107.5910



43.1814, 51.2352, 53.1542



18.3175, 19.2462, 22.9994



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.



39.2449, 40.9549, 59.2634



64.3449, 66.8591, 104.1215



38.0778, 36.8576, 58.5341



10.3408, 10.8556, 13.4678



7.9671, 5.3281, 35.3529



0.4442, 0.3861, 1.6963

Inverse Universe

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



43.1342, 39.7815, 44.4368



72.6509, 64.6200, 72.3985



48.2291, 54.1182, 40.7056



10.7773, 10.6943, 11.8105



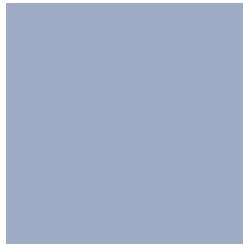
15.8208, 8.0779, 4.2660



0.7829, 0.3960, 0.3799

Previews

White Background



This preview shows how the XYZ color 39.2436, 40.9532, 59.2625 looks on a white background.

Color Contrast Check

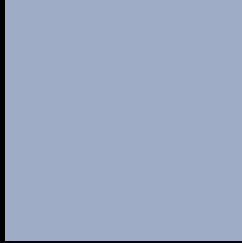
Large Text (above 18pt) WCAG AA × Fail

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 39.2436, 40.9532, 59.2625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

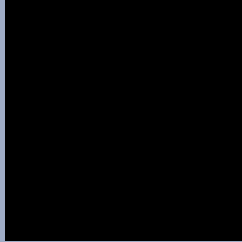
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2436, 40.9532, 59.2625

Background



This preview shows how black text looks on a background with the XYZ color 39.2436, 40.9532, 59.2625.



This preview shows how white text looks on a background with the XYZ color 39.2436, 40.9532,

59.2625.

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

39.2436, 40.9532, 59.2625

Protanopia

40.3891, 40.9962, 58.6076

Deuteranopia

41.8067, 40.8749, 59.7190



Tritanopia

38.1178, 41.0710, 53.4954

Trichromacy



Original Color

39.2436, 40.9532, 59.2625

Protanomaly

39.9508, 41.0496, 58.6410

Deuteranomaly

40.8590, 40.9345, 59.7805

Tritanomaly

38.5585, 40.9620, 55.7434

Monochromacy



Original Color

39.2436, 40.9532, 59.2625

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 39.2436, 40.9532, 59.2625 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(159, 172, 198)` looks like.

```
.text, #text, p{  
    color:rgb(159, 172, 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(159, 172, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 172, 198) }
```

Border

The CSS property to change the border of an element to XYZ 39.2436, 40.9532, 59.2625 is called "border". The border property can be set on classes, ids or directly on the HTML element.

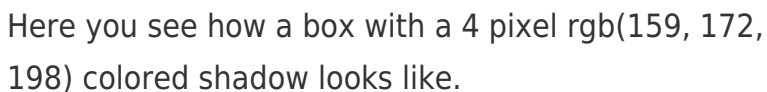
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 172, 198) }
```


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

```
.border{ border-color:rgb(159, 172, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 172, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 172, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 172, 198);  
box-shadow:4px 4px 4px 4px rgb(159, 172,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2436, 40.9532, 59.2625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 172, 198) }
```

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

```
.background{ background-color: rgb(159,  
172, 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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