

Converting Colors

XYZ(39.0348, 41.6252, 59.5718)

Have a look what the booklet for
XYZ(39.0348, 41.6252, 59.5718)
contains.

XYZ(39.0406, 41.7057, 59.4184)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.0406, 41.7057,
59.4184)**

Conversions

Conversions Part 1

Format	Color
Hex	9BAFC6
RGB	155, 175, 198
RGB Percent	61%, 69%, 78%
CMY	0.3921, 0.3137, 0.2235
CMYK	0.22, 0.12, 0.00, 0.22
HSL	212°, 27%, 69%
HSV	212°, 22%, 78%
XYZ	39.0406, 41.7057, 59.4184
YIQ	171.6420, -19.3030, 2.9130

Conversions

Conversions Part 2

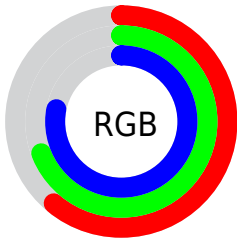
Format	Color
R _Y B	155, 169, 198
Decimal	10203078
CIE Lab	70.67, -1.89, -14.01
CIE LCh	71, 14.137, 262.307
Yxy	41.7057, 0.2785, 0.2975
Android (android.graphics.Color)	4288393158 (0xFF9BAFC6)
YUV	171.6420, 12.9945, -14.5950
Hunter-Lab	64.5800, -5.1061, -9.3453

Details

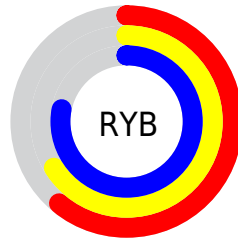
The XYZ color **39.0406, 41.7057, 59.4184** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.1260, 46.2133, 37.5531**, and the grayscale version is **38.9763, 41.0061, 44.6557**.

A 20% lighter version of the original color is **72.9252, 77.5153, 105.7261**, and **17.7105, 19.0631, 29.1317** is the 20% darker color. If you saturate the color by 10%, you get **33.5670, 35.9442, 58.5955**, and if you desaturate by 10%, it is **45.3015, 48.1152, 60.3263**.

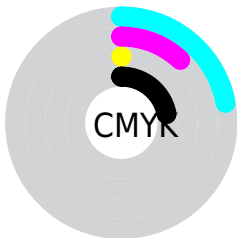
Distribution



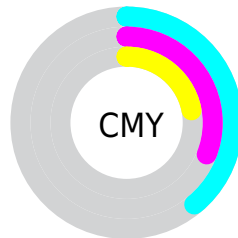
- Red (61%)
- Green (69%)
- Blue (78%)



- Red (61%)
- Yellow (66%)
- Blue (78%)



- Cyan (22%)
- Magenta (12%)
- Yellow (0%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0406, 41.7057, 59.4184 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 39.0406, 41.7057, 59.4184 by changing the saturation by 10% instead.

■ 39.0406, 41.7057,
59.4184

■ 39.0406, 41.7057,
59.4184

333.2673,
353.2615, 440.1957

■ 26.9722, 28.8709,
42.5278

■ 72.9940, 77.7540,
105.5206

■ 17.6888, 18.9832,
29.1861

■ 95.6097, 101.7363,
135.5693

■ 10.8251, 11.6581,
18.9749

122.4719,
130.2033, 170.8411

■ 6.0158, 6.5113,
11.4755

153.9459,
163.5393, 211.7546

■ 2.8954, 3.1584,
6.2694

190.3971,
202.1287, 258.7282

■ 1.0987, 1.2150,
2.9382

232.1908,

■ 0.0240, 0.0739,

246.3560, 312.1806

1.0632

279.6924,
296.6054, 372.5302

■ 0.0000, 0.0000,
0.0000

■ 39.0406, 41.7057,
59.4184

■ 39.0406, 41.7057,
59.4184

■ 33.5670, 35.9442,
58.5955

■ 45.3015, 48.1152,
60.3263

■ 28.8429, 30.8025,
57.8520

■ 52.3776, 55.1892,
61.3187

■ 24.8329, 26.2577,
57.1861

■ 60.3004, 62.9500,
62.3991

■ 21.4968, 22.2833,
56.5948

■ 69.0981, 71.4173,
63.5698

■ 18.7903, 18.8503,
56.0749

■ 78.7979, 80.6098,
64.8329

■ 16.6630, 15.9263,
55.6226

■ 82.1661, 86.8032,
65.8508

■ 15.0552, 13.4739,
55.2340

■ 85.3501, 93.1711,
66.9121

■ 14.0291, 11.7492,
54.9551

■ 87.1932, 96.8573,
67.5265

Harmonies

Analogous

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



36.9515, 41.7057, 56.3920



39.0406, 41.7057, 59.4184



41.3729, 41.7057, 58.4090

Triad

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



39.0406, 41.7057, 59.4184



43.9512, 41.7057, 40.6918



36.1844, 41.7057, 37.9768

Complementary

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



39.0406, 41.7057, 59.4184



45.1260, 46.2133, 37.5531

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.



37.9562, 41.7057, 34.4993



39.0406, 41.7057, 59.4184



42.4559, 41.7057, 35.9559

Square

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



39.0406, 41.7057, 59.4184



44.2693, 41.7057, 47.1578



40.2455, 41.7057, 33.7976



35.3452, 41.7057, 43.7068

Rectangle

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



39.0406, 41.7057, 59.4184



42.7471, 41.7057, 55.6250



40.2455, 41.7057, 33.7976



36.6873, 41.7057, 36.5298

Sweetspot

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



39.0419, 41.7074, 59.4193



85.8148, 90.8296, 107.6167



41.7417, 50.5692, 49.6461



18.2049, 19.2781, 23.0115



0.0000, 0.0000, 0.0000



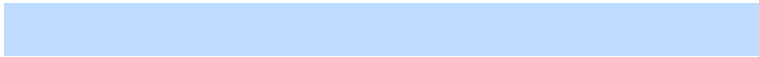
20.3446, 21.4041, 23.3091

Same Dimension

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



39.0419, 41.7074, 59.4193



64.4345, 68.9457, 104.5195



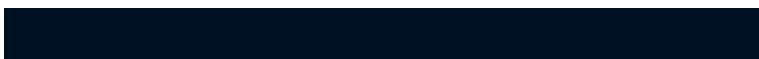
35.7097, 34.6322, 58.2293



10.4565, 11.0871, 13.5064



9.2073, 7.8085, 35.7663



0.5083, 0.5143, 1.7176

Inverse Universe

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



42.7490, 38.5447, 45.7460



72.2305, 62.6692, 75.6805



49.0239, 54.5674, 38.9601



10.8357, 10.7177, 12.1181



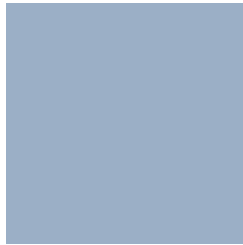
16.4467, 8.3283, 7.5624



0.8152, 0.4089, 0.5503

Previews

White Background



This preview shows how the XYZ color 39.0406, 41.7057, 59.4184 looks on a white background.

Color Contrast Check

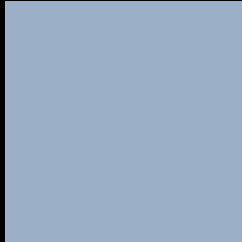
Large Text (above 18pt) WCAG AA × Fail

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 39.0406, 41.7057, 59.4184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

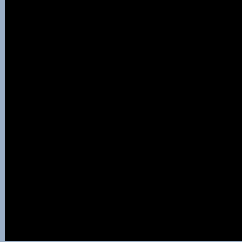
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.0406, 41.7057, 59.4184

Background



This preview shows how black text looks on a background with the XYZ color 39.0406, 41.7057, 59.4184.



This preview shows how white text looks on a background with the XYZ color 39.0406, 41.7057,

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

39.0406, 41.7057, 59.4184

Protanopia

40.8889, 41.5464, 58.0887

Deuteranopia

42.4429, 41.4759, 59.8015



Tritanopia

38.1460, 41.6384, 54.7417

Trichromacy



Original Color

39.0406, 41.7057, 59.4184

Protanomaly

40.1404, 41.4288, 58.7043

Deuteranomaly

41.2339, 41.6844, 59.9055

Tritanomaly

38.4774, 41.7709, 56.4867

Monochromacy



Original Color

39.0406, 41.7057, 59.4184

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.0099, 41.3303, 49.6376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0406, 41.7057, 59.4184 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, 175, 198)` looks like.

```
.text, #text, p{  
    color:rgb(155, 175, 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, 175, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 175, 198) }
```

Border

The CSS property to change the border of an element to XYZ 39.0406, 41.7057, 59.4184 is called "border". The border property can be set on classes, ids or directly on the HTML element.

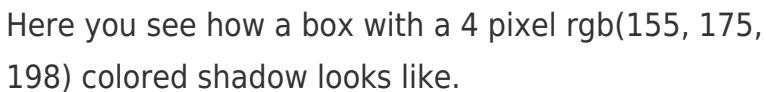
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 175, 198) }
```


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

```
.border{ border-color:rgb(155, 175, 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, 175, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 175, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 175, 198); box-shadow:4px 4px 4px 4px rgb(155, 175, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0406, 41.7057, 59.4184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 175, 198) }
```

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

```
.background{ background-color: rgb(155,  
175, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor