

Converting Colors

XYZ(39.3479, 39.7710, 57.2535)

Have a look what the booklet for
XYZ(39.3479, 39.7710, 57.2535)
contains.

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Color

**XYZ(39.1861, 39.5769,
57.2035)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A7C3
RGB	165, 167, 195
RGB Percent	65%, 65%, 76%
CMY	0.3529, 0.3451, 0.2353
CMYK	0.15, 0.14, 0.00, 0.24
HSL	236°, 20%, 71%
HSV	236°, 15%, 76%
XYZ	39.1861, 39.5769, 57.2035
YIQ	169.5940, -10.1800, 8.2840

Conversions

Conversions Part 2

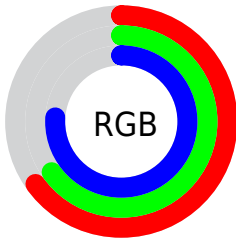
Format	Color
R _Y B	165, 167, 195
Decimal	10856387
CIE Lab	69.17, 5.04, -14.54
CIE LCh	69, 15.388, 289.103
Yxy	39.5769, 0.2882, 0.2911
Android (android.graphics.Color)	4289046467 (0xFFA5A7C3)
YUV	169.5940, 12.5252, -4.0289
Hunter-Lab	62.9102, 1.0930, -9.8746

Details

The XYZ color **39.1861, 39.5769, 57.2035** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.3674, 52.4585, 43.1745**, and the grayscale version is **37.9508, 39.9272, 43.4808**.

A 20% lighter version of the original color is **73.2072, 74.4865, 102.6144**, and **17.7485, 17.6953, 27.6794** is the 20% darker color. If you saturate the color by 10%, you get **32.3327, 31.4388, 55.9945**, and if you desaturate by 10%, it is **47.1295, 48.9754, 58.5996**.

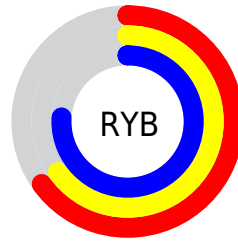
Distribution



Red (65%)

Green (65%)

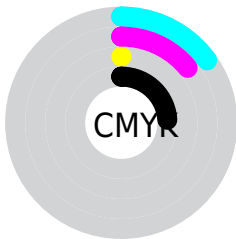
Blue (76%)



Red (65%)

Yellow (65%)

Blue (76%)

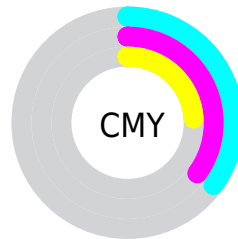


Cyan (15%)

Magenta (14%)

Yellow (0%)

Black (24%)



Cyan (35%)

Magenta (35%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1861, 39.5769, 57.2035 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 39.1861, 39.5769, 57.2035 by changing the saturation by 10% instead.

■ 39.1861, 39.5769,
57.2035

■ 39.1861, 39.5769,
57.2035

333.8746,
344.3370, 431.7265

■ 27.0859, 27.2088,
40.7582

■ 73.2148, 74.5188,
102.2653

■ 17.7747, 17.7301,
27.8119

■ 95.8740, 97.8614,
131.7190

■ 10.8870, 10.7564,
17.9461

122.7836,
125.6310, 166.3458

■ 6.0577, 5.9033,
10.7423

154.3089,
158.2119, 206.5643

■ 2.9212, 2.7864,
5.7818

190.8153,
195.9886, 252.7931

■ 1.1122, 1.0212,
2.6462

232.6681,

■ 0.0353, 0.0000,

239.3454, 305.4507

0.9162

280.2328,
288.6667, 364.9557

■ 0.0000, 0.0000,
0.0000

■ 39.1861, 39.5769,
57.2035

■ 39.1861, 39.5769,
57.2035

■ 32.3327, 31.4388,
55.9945

■ 47.1295, 48.9754,
58.5996

■ 26.5184, 24.5029,
54.9622

■ 56.2038, 59.6796,
60.1874

■ 21.6933, 18.7136,
54.0991

■ 66.4521, 71.7386,
61.9749

■ 17.8023, 14.0090,
53.3961

■ 77.9144, 85.1973,
63.9686

■ 14.7848, 10.3215,
52.8434

■ 86.8504, 96.7202,
65.7217

■ 12.5730, 7.5756,
52.4299

■ 11.0889, 5.6857,
52.1434

■ 10.2389, 4.5499,
51.9689

■ 9.9945, 4.2283,
51.9197

Harmonies

Analogous

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



36.7295, 39.5769, 57.8117



39.1861, 39.5769, 57.2035



41.3068, 39.5769, 52.5846

Triad

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



39.1861, 39.5769, 57.2035



40.7994, 39.5769, 33.6419



33.1601, 39.5769, 40.5818

Complementary

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



39.1861, 39.5769, 57.2035



48.3674, 52.4585, 43.1745

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.



34.1531, 39.5769, 34.8175



39.1861, 39.5769, 57.2035



38.5180, 39.5769, 31.1113

Square

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



39.1861, 39.5769, 57.2035



42.2660, 39.5769, 38.8092



36.0897, 39.5769, 31.5168



33.3215, 39.5769, 47.6800

Rectangle

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



39.1861, 39.5769, 57.2035



42.2112, 39.5769, 48.1076



36.0897, 39.5769, 31.5168



33.3682, 39.5769, 38.4386

Sweetspot

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



39.1873, 39.5785, 57.2044



84.8764, 88.2672, 105.0336



44.6029, 50.8582, 57.6266



18.3483, 19.0475, 22.9594



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.



39.1873, 39.5785, 57.2044



66.4335, 66.4371, 101.7920



41.5519, 40.2573, 57.2108



9.5811, 9.8535, 12.6818



6.5187, 2.7938, 33.7523



0.3006, 0.1587, 1.4647

Inverse Universe

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



42.9368, 41.3034, 42.2704



74.2611, 70.0648, 70.6096



45.7171, 51.7536, 43.1781



10.0999, 10.0885, 10.6164



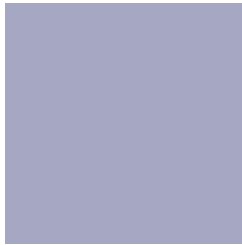
14.6863, 7.5643, 0.9942



0.6441, 0.3307, 0.0934

Previews

White Background



This preview shows how the XYZ color 39.1861, 39.5769, 57.2035 looks on a white background.

Color Contrast Check

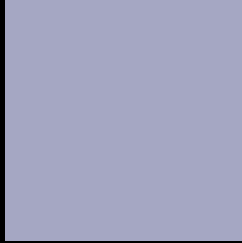
Large Text (above 18pt) WCAG AA × Fail

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 39.1861, 39.5769, 57.2035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

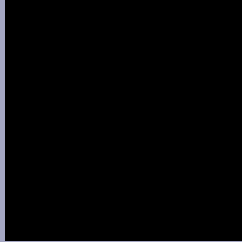
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.1861, 39.5769, 57.2035

Background



This preview shows how black text looks on a background with the XYZ color 39.1861, 39.5769, 57.2035.



This preview shows how white text looks on a background with the XYZ color 39.1861, 39.5769,

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

39.1861, 39.5769, 57.2035

Protanopia

38.9789, 39.4701, 57.1938

Deuteranopia

40.3187, 39.6211, 57.1524



Tritanopia

37.8395, 39.5814, 50.4454

Trichromacy



Original Color

39.1861, 39.5769, 57.2035

Protanomaly

38.9789, 39.4701, 57.1938

Deuteranomaly

39.8487, 39.6476, 57.1823

Tritanomaly

38.2821, 39.4856, 52.6175

Monochromacy



Original Color

39.1861, 39.5769, 57.2035

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.4731, 39.9554, 48.3322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1861, 39.5769, 57.2035 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(165, 167, 195)` looks like.

```
.text, #text, p{  
    color:rgb(165, 167, 195)  
}
```

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(165, 167, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 167, 195) }
```

Border

The CSS property to change the border of an element to XYZ 39.1861, 39.5769, 57.2035 is called "border". The border property can be set on classes, ids or directly on the HTML element.

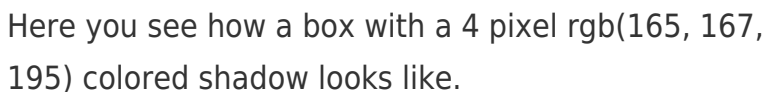
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 167, 195) }
```


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

```
.border{ border-color:rgb(165, 167, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 167, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 167, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 167, 195);  
box-shadow:4px 4px 4px 4px rgb(165, 167,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1861, 39.5769, 57.2035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 167, 195) }
```

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

```
.background{ background-color: rgb(165,  
167, 195) }
```

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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