

Converting Colors

XYZ(39.1763, 39.7639, 56.2450)

Have a look what the booklet for
XYZ(39.1763, 39.7639, 56.2450)
contains.

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Color

**XYZ(39.1453, 39.8549,
56.0817)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A8C1
RGB	165, 168, 193
RGB Percent	65%, 66%, 76%
CMY	0.3529, 0.3412, 0.2431
CMYK	0.15, 0.13, 0.00, 0.24
HSL	234°, 18%, 70%
HSV	234°, 15%, 76%
XYZ	39.1453, 39.8549, 56.0817
YIQ	169.9530, -9.8130, 7.1390

Conversions

Conversions Part 2

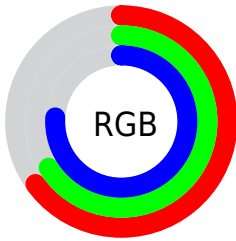
Format	Color
R _Y B	165, 168, 193
Decimal	10856641
CIE Lab	69.37, 4.05, -13.14
CIE LCh	69, 13.746, 287.133
Yxy	39.8549, 0.2898, 0.2950
Android (android.graphics.Color)	4289046721 (0xFFA5A8C1)
YUV	169.9530, 11.3622, -4.3438
Hunter-Lab	63.1307, 0.2032, -8.4783

Details

The XYZ color **39.1453, 39.8549, 56.0817** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.1974, 50.8806, 42.9314**, and the grayscale version is **38.1348, 40.1207, 43.6915**.

A 20% lighter version of the original color is **73.0018, 74.8305, 100.2187**, and **17.7156, 17.8656, 26.9408** is the 20% darker color. If you saturate the color by 10%, you get **32.4570, 31.9944, 54.9176**, and if you desaturate by 10%, it is **46.8633, 48.8741, 57.4164**.

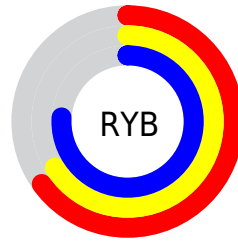
Distribution



Red (65%)

Green (66%)

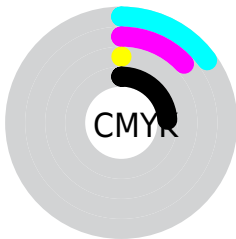
Blue (76%)



Red (65%)

Yellow (66%)

Blue (76%)

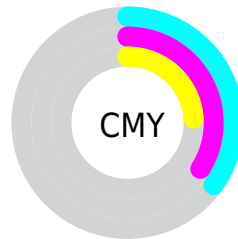


Cyan (15%)

Magenta (13%)

Yellow (0%)

Black (24%)



Cyan (35%)

Magenta (34%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1453, 39.8549, 56.0817 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 39.1453, 39.8549, 56.0817 by changing the saturation by 10% instead.

■ 39.1453, 39.8549,
56.0817

■ 39.1453, 39.8549,
56.0817

333.7044,
345.5116, 427.3963

■ 27.0540, 27.4254,
39.8640

■ 73.1529, 74.9425,
100.6110

■ 17.7506, 17.8930,
27.1195

■ 95.7999, 98.3694,
129.7597

■ 10.8697, 10.8732,
17.4298

122.6962,
126.2310, 164.0558

■ 6.0459, 5.9816,
10.3762

154.2071,
158.9115, 203.9178

■ 2.9139, 2.8339,
5.5402

190.6981,
196.7955, 249.7644

■ 1.1084, 1.0456,
2.5034

232.5343,

■ 0.0321, 0.0000,

240.2672, 302.0139

0.8419

280.0813,
289.7111, 361.0850

■ 0.0000, 0.0000,
0.0000

■ 39.1453, 39.8549,
56.0817

■ 39.1453, 39.8549,
56.0817

■ 32.4570, 31.9944,
54.9176

■ 46.8633, 48.8741,
57.4164

■ 26.7513, 25.2407,
53.9147

■ 55.6484, 59.0911,
58.9255

■ 21.9828, 19.5454,
53.0668

■ 65.5403, 70.5494,
60.6158

■ 18.1011, 14.8546,
52.3659

■ 76.5758, 83.2888,
62.4931

■ 15.0509, 11.1096,
51.8038

■ 86.3572, 96.0932,
64.4491

■ 12.7707, 8.2455,
51.3712

■ 86.6258, 96.6303,
64.5386

■ 11.1905, 6.1892,
51.0576

■ 10.2269, 4.8554,
50.8509

■ 9.8884, 4.3755,
50.7761

Harmonies

Analogous

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



36.9433, 39.8549, 56.3600



39.1453, 39.8549, 56.0817



41.0784, 39.8549, 52.2031

Triad

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



39.1453, 39.8549, 56.0817



40.8430, 39.8549, 35.0801



33.8911, 39.8549, 40.7436

Complementary

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



39.1453, 39.8549, 56.0817



47.1974, 50.8806, 42.9314

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.



34.8538, 39.8549, 35.6383



39.1453, 39.8549, 56.0817



38.8342, 39.8549, 32.5887

Square

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



39.1453, 39.8549, 56.0817



42.0844, 39.8549, 39.9112



36.6440, 39.8549, 32.7826



33.9671, 39.8549, 47.0763

Rectangle

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



39.1453, 39.8549, 56.0817



41.9287, 39.8549, 48.2934



36.6440, 39.8549, 32.7826



34.1023, 39.8549, 38.8399

Sweetspot

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



39.1465, 39.8566, 56.0826



84.5904, 88.3007, 102.9456



43.8528, 49.8460, 55.8732



17.9067, 18.6628, 22.0438



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



39.1465, 39.8566, 56.0826



66.6251, 67.2947, 99.8379



40.9257, 39.9603, 56.0088



9.6133, 9.9180, 12.6925



6.6062, 2.9689, 33.7815



0.3152, 0.1878, 1.4695

Inverse Universe

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



42.5163, 41.0757, 42.7353



73.6827, 69.8856, 71.8750



45.2166, 50.8348, 43.0270



10.1161, 10.0951, 10.7021



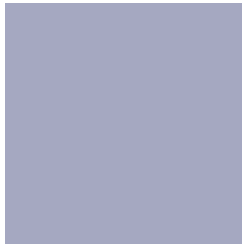
14.7305, 7.5819, 1.2268



0.6515, 0.3336, 0.1321

Previews

White Background



This preview shows how the XYZ color 39.1453, 39.8549, 56.0817 looks on a white background.

Color Contrast Check

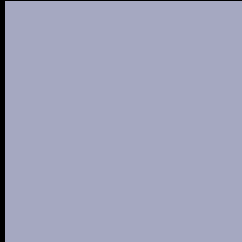
Large Text (above 18pt) WCAG AA × Fail

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 39.1453, 39.8549, 56.0817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

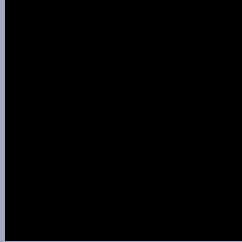
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.1453, 39.8549, 56.0817

Background



This preview shows how black text looks on a background with the XYZ color 39.1453, 39.8549, 56.0817.



This preview shows how white text looks on a background with the XYZ color 39.1453, 39.8549,

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

39.1453, 39.8549, 56.0817

Protanopia

39.1453, 39.8549, 56.0817

Deuteranopia

40.6483, 39.8040, 56.5795



Tritanopia

38.0262, 39.9549, 50.5076

Trichromacy



Original Color

39.1453, 39.8549, 56.0817

Protanomaly

39.1453, 39.8549, 56.0817

Deuteranomaly

40.1684, 39.8254, 56.6089

Tritanomaly

38.4674, 39.8563, 52.6793

Monochromacy



Original Color

39.1453, 39.8549, 56.0817

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.3723, 39.9151, 47.8014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1453, 39.8549, 56.0817 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, 168, 193)` looks like.

```
.text, #text, p{  
    color:rgb(165, 168, 193)  
}
```

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, 168, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 168, 193) }
```

Border

The CSS property to change the border of an element to XYZ 39.1453, 39.8549, 56.0817 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, 168, 193) }
```


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

```
.border{ border-color:rgb(165, 168, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 168, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 168, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 168, 193);  
box-shadow:4px 4px 4px 4px rgb(165, 168,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1453, 39.8549, 56.0817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 168, 193) }
```

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

```
.background{ background-color: rgb(165,  
168, 193) }
```

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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