

Converting Colors

XYZ(39.3266, 43.0775, 56.1112)

Have a look what the booklet for
XYZ(39.3266, 43.0775, 56.1112)
contains.

XYZ(39.3448, 43.1139, 56.1173)	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(39.3448, 43.1139,
56.1173)**

Conversions

Conversions Part 1

Format	Color
Hex	9CB3C0
RGB	156, 179, 192
RGB Percent	61%, 70%, 75%
CMY	0.3882, 0.2980, 0.2471
CMYK	0.19, 0.07, 0.00, 0.25
HSL	202°, 22%, 68%
HSV	202°, 19%, 75%
XYZ	39.3448, 43.1139, 56.1173
YIQ	173.6050, -17.8810, -0.8330

Conversions

Conversions Part 2

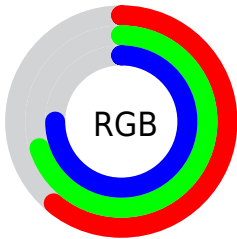
Format	Color
R_{YB}	156, 170, 192
Decimal	10269632
CIE _{Lab}	71.63, -5.09, -9.26
CIE _{LCh}	72, 10.568, 241.220
Yxy	43.1139, 0.2839, 0.3111
Android (android.graphics.Color)	4288459712 (0xFF9CB3C0)
YUV	173.6050, 9.0687, -15.4396
Hunter-Lab	65.6612, -7.9482, -4.7094

Details

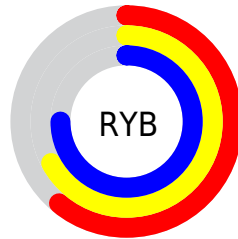
The XYZ color **39.3448, 43.1139, 56.1173** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.9272, 41.9826, 37.3469**, and the grayscale version is **39.9922, 42.0749, 45.8195**.

A 20% lighter version of the original color is **73.5156, 80.0429, 100.3821**, and **17.8300, 19.7288, 27.2944** is the 20% darker color. If you saturate the color by 10%, you get **34.5648, 38.6398, 55.5063**, and if you desaturate by 10%, it is **44.7845, 48.0340, 56.7810**.

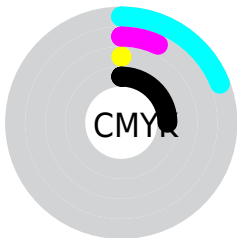
Distribution



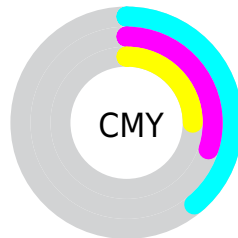
- Red (61%)
- Green (70%)
- Blue (75%)



- Red (61%)
- Yellow (67%)
- Blue (75%)



- Cyan (19%)
- Magenta (7%)
- Yellow (0%)
- Black (25%)



- Cyan (39%)
- Magenta (30%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3448, 43.1139, 56.1173 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 39.3448, 43.1139, 56.1173 by changing the saturation by 10% instead.

■ 39.3448, 43.1139,
56.1173

■ 39.3448, 43.1139,
56.1173

334.5362,
359.0800, 427.5341

■ 27.2100, 29.9745,
39.8924

■ 73.4555, 79.8827,
100.6636

■ 17.8684, 19.8192,
27.1415

■ 96.1620, 104.2809,
129.8220

■ 10.9547, 12.2637,
17.4461

123.1232,
133.2008, 164.1286

■ 6.1034, 6.9235,
10.3878

154.7044,
167.0268, 204.0020

■ 2.9493, 3.4143,
5.5479

191.2710,
206.1434, 249.8607

■ 1.1270, 1.3517,
2.5079

233.1882,

■ 0.0475, 0.1807,

250.9348, 302.1233

0.8443

280.8215,
301.7855, 361.2082

■ 0.0000, 0.0000,
0.0000

■ 39.3448, 43.1139,
56.1173

■ 39.3448, 43.1139,
56.1173

■ 34.5648, 38.6398,
55.5063

■ 44.7845, 48.0340,
56.7810

■ 30.4121, 34.5902,
54.9436

■ 50.9068, 53.4100,
57.4960

■ 26.8573, 30.9495,
54.4282

■ 57.7381, 59.2582,
58.2647

■ 23.8668, 27.6988,
53.9584

■ 65.3023, 65.5922,
59.0886

■ 21.4035, 24.8173,
53.5320

■ 73.6220, 72.4251,
59.9690

■ 19.4254, 22.2817,
53.1468

■ 76.5045, 76.5658,
60.6163

■ 17.8833, 20.0650,
52.8003

■ 78.3684, 80.2935,
61.2376

■ 16.6957, 18.1234,
52.4881

■ 80.3086, 84.1740,
61.8844

■ 16.5580, 17.8926,
52.4508

■ 82.3262, 88.2090,
62.5569

Harmonies

Analogous

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



38.1070, 43.1139, 52.2367



39.3448, 43.1139, 56.1173



41.0518, 43.1139, 57.4964

Triad

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



39.3448, 43.1139, 56.1173



44.5142, 43.1139, 46.7342



39.2214, 43.1139, 39.0138

Complementary

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



39.3448, 43.1139, 56.1173



41.9272, 41.9826, 37.3469

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.



40.9053, 43.1139, 37.7683



39.3448, 43.1139, 56.1173



43.9907, 43.1139, 42.0209

Square

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



39.3448, 43.1139, 56.1173



44.0676, 43.1139, 51.8475



42.6567, 43.1139, 38.8287



38.0372, 43.1139, 42.3593

Rectangle

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



39.3448, 43.1139, 56.1173



42.2360, 43.1139, 56.7377



42.6567, 43.1139, 38.8287



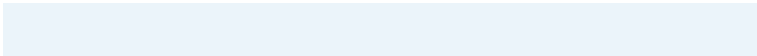
39.7461, 43.1139, 38.3471

Sweetspot

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



39.3461, 43.1157, 56.1183



83.9668, 89.5366, 103.2171



39.6846, 47.6175, 44.4398



17.8621, 19.0744, 22.1256



92.9021, 97.7402, 106.4391



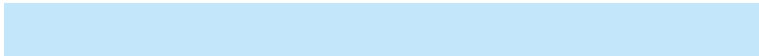
19.4759, 20.4902, 22.3138

Same Dimension

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



39.3461, 43.1157, 56.1183



68.0361, 75.1094, 101.2720



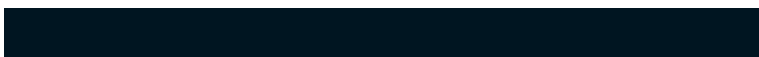
36.0404, 36.5043, 55.0164



10.0528, 10.7969, 12.8390



11.2175, 12.1916, 35.3186



0.5481, 0.6537, 1.5472

Inverse Universe

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



41.7644, 38.2390, 47.8295



73.1762, 65.0168, 83.5929



45.4253, 48.9787, 38.5129



10.3380, 10.1838, 11.8702



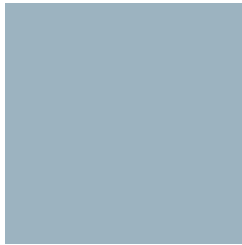
17.0581, 8.5130, 13.4837



0.7691, 0.3806, 0.7513

Previews

White Background



This preview shows how the XYZ color 39.3448, 43.1139, 56.1173 looks on a white background.

Color Contrast Check

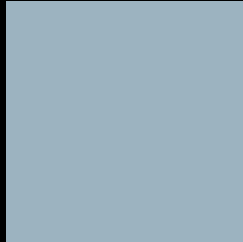
Large Text (above 18pt) WCAG AA × Fail

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 39.3448, 43.1139, 56.1173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

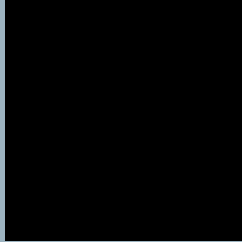
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

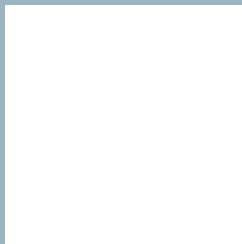
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.3448, 43.1139, 56.1173

Background



This preview shows how black text looks on a background with the XYZ color 39.3448, 43.1139, 56.1173.



This preview shows how white text looks on a background with the XYZ color 39.3448, 43.1139,

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

39.3448, 43.1139, 56.1173

Protanopia

41.7769, 42.9449, 54.2314

Deuteranopia

43.8795, 42.8348, 56.9942



Tritanopia

39.4560, 43.1584, 56.7029

Trichromacy



Original Color

39.3448, 43.1139, 56.1173

Protanomaly

40.7559, 42.9839, 54.8638

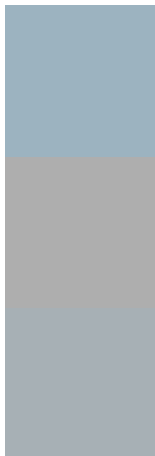
Deuteranomaly

42.0248, 42.7361, 56.4860

Tritanomaly

39.4560, 43.1584, 56.7029

Monochromacy



Original Color

39.3448, 43.1139, 56.1173

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.8022, 42.6024, 49.8413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3448, 43.1139, 56.1173 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(156, 179, 192) looks like.

```
.text, #text, p{  
    color:rgb(156, 179, 192)  
}
```

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(156, 179, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 179, 192) }
```

Border

The CSS property to change the border of an element to XYZ 39.3448, 43.1139, 56.1173 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(156, 179, 192) }
```


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

```
.border{ border-color:rgb(156, 179, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 179, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 179, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 179, 192);  
box-shadow:4px 4px 4px 4px rgb(156, 179,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3448, 43.1139, 56.1173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 179, 192) }
```

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

```
.background{ background-color: rgb(156,  
179, 192) }
```

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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