

Converting Colors

XYZ(38.9354, 46.8767, 56.7272)

Have a look what the booklet for
XYZ(38.9354, 46.8767, 56.7272)
contains.

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Color

**XYZ(39.0115, 46.9940,
56.8838)**

Conversions

Conversions Part 1

Format	Color
Hex	8BC0C0
RGB	139, 192, 192
RGB Percent	55%, 75%, 75%
CMY	0.4549, 0.2470, 0.2471
CMYK	0.28, 0.00, 0.00, 0.25
HSL	180°, 30%, 65%
HSV	180°, 28%, 75%
XYZ	39.0115, 46.9940, 56.8838
YIQ	176.1530, -31.5880, -11.2360

Conversions

Conversions Part 2

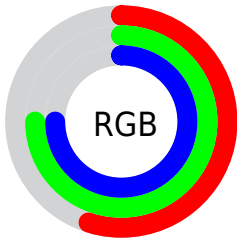
Format	Color
R_{YB}	139, 166, 192
Decimal	9158848
CIE _{Lab}	74.19, -17.15, -5.59
CIE _{LCh}	74, 18.037, 198.041
Yxy	46.9940, 0.2730, 0.3289
Android (android.graphics.Color)	4287348928 (0xFF8BC0C0)
YUV	176.1530, 7.8126, -32.5832
Hunter-Lab	68.5522, -18.3860, -1.2116

Details

The XYZ color **39.0115, 46.9940, 56.8838** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.6327, 31.5371, 28.6371**, and the grayscale version is **41.3200, 43.4719, 47.3409**.

A 20% lighter version of the original color is **73.0671, 85.9980, 101.5552**, and **17.6792, 22.0673, 27.7537** is the 20% darker color. If you saturate the color by 10%, you get **36.0832, 45.4856, 56.7473**, and if you desaturate by 10%, it is **42.5056, 48.7964, 57.0488**.

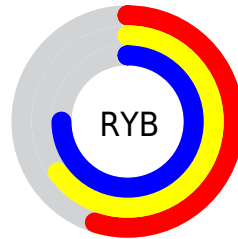
Distribution



Red (55%)

Green (75%)

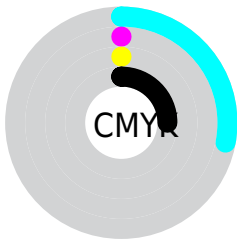
Blue (75%)



Red (55%)

Yellow (65%)

Blue (75%)

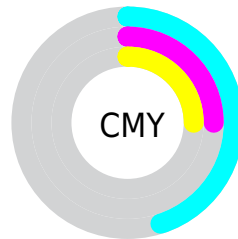


Cyan (28%)

Magenta (0%)

Yellow (0%)

Black (25%)



Cyan (45%)

Magenta (25%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0115, 46.9940, 56.8838 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 39.0115, 46.9940, 56.8838 by changing the saturation by 10% instead.

■ 39.0115, 46.9940,
56.8838

■ 39.0115, 46.9940,
56.8838

333.1457,
374.7906, 430.4953

■ 26.9494, 33.0309,
40.5032

■ 72.9498, 85.7047,
101.7943

■ 17.6716, 22.1501,
27.6143

■ 95.5568, 111.2210,
131.1612

■ 10.8128, 13.9673,
17.7986

■ 122.4095,
141.3573, 165.6941

■ 6.0074, 8.0979,
10.6376

153.8732,
176.4978, 205.8113

■ 2.8903, 4.1577,
5.7126

190.3134,
217.0270, 251.9315

■ 1.0960, 1.7621,
2.6052

232.0953,

■ 0.0218, 0.4634,

263.3293, 304.4732

0.8951

279.5842,
315.7890, 363.8550

■ 0.0000, 0.0000,
0.0000

■ 39.0115, 46.9940,
56.8838

■ 39.0115, 46.9940,
56.8838

■ 36.0832, 45.4856,
56.7473

■ 42.5056, 48.7964,
57.0488

■ 33.6872, 44.2504,
56.6347

■ 46.5886, 50.9013,
57.2404

■ 31.7926, 43.2737,
56.5455

■ 51.2876, 53.3237,
57.4608

■ 30.3639, 42.5372,
56.4781

■ 56.6264, 56.0759,
57.7111

■ 29.3608, 42.0201,
56.4307

■ 62.6278, 59.1698,
57.9925

■ 28.7364, 41.6983,
56.4010

■ 69.3135, 62.6164,
58.3059

■ 28.4219, 41.5361,
56.3858

■ 69.6057, 62.7670,
58.3200

■ 28.3643, 41.5065,
56.3830

■ 69.6058, 62.7670,
58.3205

■ 69.6059, 62.7671,
58.3210

Harmonies

Analogous

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



38.8557, 46.9940, 47.5668



39.0115, 46.9940, 56.8838



40.6370, 46.9940, 65.5851

Triad

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



39.0115, 46.9940, 56.8838



49.4513, 46.9940, 64.0211



45.9671, 46.9940, 35.6504

Complementary

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



39.0115, 46.9940, 56.8838



35.6327, 31.5371, 28.6371

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.



48.9537, 46.9940, 39.0363



39.0115, 46.9940, 56.8838



51.0293, 46.9940, 54.9475

Square

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



39.0115, 46.9940, 56.8838



46.6198, 46.9940, 70.0358



50.8429, 46.9940, 45.8494



42.7683, 46.9940, 36.0361

Rectangle

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



39.0115, 46.9940, 56.8838



42.3815, 46.9940, 69.5238



50.8429, 46.9940, 45.8494



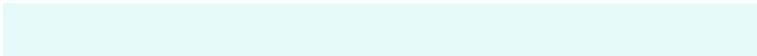
47.0319, 46.9940, 36.3666

Sweetspot

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



39.0129, 46.9959, 56.8849



83.9976, 92.0127, 103.6926



34.3068, 45.1306, 31.3299



17.7659, 19.6086, 22.2336



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.



39.0129, 46.9959, 56.8849



67.4216, 83.4674, 102.9146



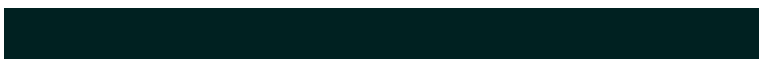
33.8692, 36.7082, 55.1716



10.3686, 11.4285, 12.9442



19.0854, 27.9282, 37.9381



0.8246, 1.2067, 1.6392

Inverse Universe

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



35.6327, 31.5371, 28.6371



60.3022, 50.9081, 43.4192



39.7862, 39.8444, 30.0208



10.0732, 10.0779, 10.4763



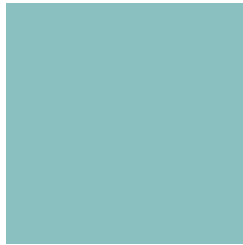
14.6275, 7.5408, 0.6848



0.6320, 0.3258, 0.0296

Previews

White Background



This preview shows how the XYZ color 39.0115, 46.9940, 56.8838 looks on a white background.

Color Contrast Check

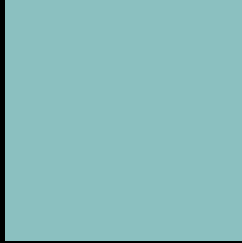
Large Text (above 18pt) WCAG AA × Fail

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 39.0115, 46.9940, 56.8838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

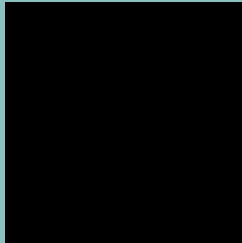
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.0115, 46.9940, 56.8838

Background



This preview shows how black text looks on a background with the XYZ color 39.0115, 46.9940, 56.8838.



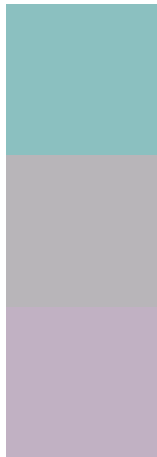
This preview shows how white text looks on a background with the XYZ color 39.0115, 46.9940,

56.8838.

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

39.0115, 46.9940, 56.8838

Protanopia

45.0480, 46.7409, 52.5465

Deuteranopia

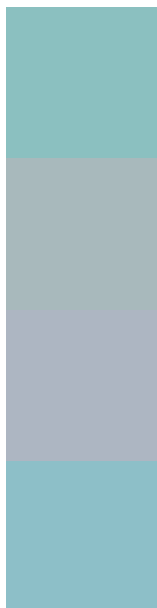
47.5648, 46.7219, 58.1410



Tritanopia

40.5882, 46.9855, 64.6875

Trichromacy



Original Color

39.0115, 46.9940, 56.8838

Protanomaly

42.5745, 46.6536, 54.3381

Deuteranomaly

43.6991, 46.2352, 57.6600

Tritanomaly

40.0406, 47.0945, 61.6234

Monochromacy



Original Color

39.0115, 46.9940, 56.8838

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.2757, 44.6198, 50.7457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0115, 46.9940, 56.8838 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(139, 192, 192)` looks like.

```
.text, #text, p{  
    color:rgb(139, 192, 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(139, 192, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 192, 192) }
```

Border

The CSS property to change the border of an element to XYZ 39.0115, 46.9940, 56.8838 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(139, 192, 192) }
```


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

```
.border{ border-color:rgb(139, 192, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 192, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 192, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 192, 192);  
box-shadow:4px 4px 4px 4px rgb(139, 192,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0115, 46.9940, 56.8838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 192, 192) }
```

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

```
.background{ background-color: rgb(139,  
192, 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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