

Converting Colors

XYZ(39.8063, 47.2742, 60.9988)

Have a look what the booklet for
XYZ(39.8063, 47.2742, 60.9988)
contains.

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Color

**XYZ(39.8059, 47.3118,
61.0669)**

Conversions

Conversions Part 1

Format	Color
Hex	8BC0C7
RGB	139, 192, 199
RGB Percent	55%, 75%, 78%
CMY	0.4549, 0.2470, 0.2196
CMYK	0.30, 0.04, 0.00, 0.22
HSL	187°, 35%, 66%
HSV	187°, 30%, 78%
XYZ	39.8059, 47.3118, 61.0669
YIQ	176.9510, -33.8350, -9.0590

Conversions

Conversions Part 2

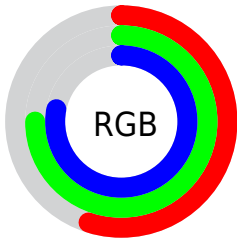
Format	Color
R _Y B	139, 167, 199
Decimal	9158855
CIE Lab	74.39, -15.52, -9.09
CIE LCh	74, 17.987, 210.364
Yxy	47.3118, 0.2686, 0.3193
Android (android.graphics.Color)	4287348935 (0xFF8BC0C7)
YUV	176.9510, 10.8702, -33.2830
Hunter-Lab	68.7836, -17.0711, -4.4899

Details

The XYZ color **39.8059, 47.3118, 61.0669** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.4928, 34.5643, 29.0699**, and the grayscale version is **41.7228, 43.8957, 47.8024**.

A 20% lighter version of the original color is **73.8655, 85.8241, 107.2803**, and **18.0371, 22.1997, 30.1224** is the 20% darker color. If you saturate the color by 10%, you get **36.2756, 44.7424, 60.7578**, and if you desaturate by 10%, it is **43.9519, 50.2128, 61.4091**.

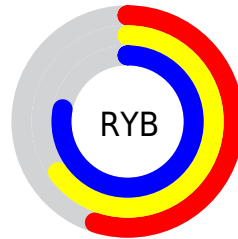
Distribution



Red (55%)

Green (75%)

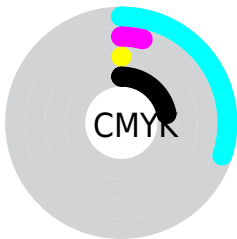
Blue (78%)



Red (55%)

Yellow (65%)

Blue (78%)

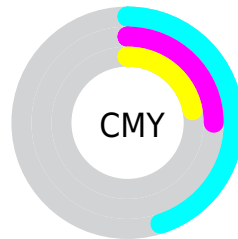


Cyan (30%)

Magenta (4%)

Yellow (0%)

Black (22%)



Cyan (45%)

Magenta (25%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.8059, 47.3118, 61.0669 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 39.8059, 47.3118, 61.0669 by changing the saturation by 10% instead.

■ 39.8059, 47.3118,
61.0669

■ 39.8059, 47.3118,
61.0669

336.4533,
376.0577, 446.4326

■ 27.5708, 33.2822,
43.8483

■ 74.1541, 86.1789,
107.9343

■ 18.1412, 22.3427,
30.2149

■ 96.9978, 111.7851,
138.4201

■ 11.1517, 14.1089,
19.7483

■ 124.1085,
142.0191, 174.1653

■ 6.2370, 8.1965,
12.0300

155.8515,
177.2651, 215.5886

■ 3.0317, 4.2209,
6.6413

192.5921,
217.9075, 263.1084

■ 1.1706, 1.7979,
3.1638

234.6957,

■ 0.0829, 0.4859,

264.3309, 317.1434

1.1789

282.5276,
316.9195, 378.1119

■ 0.0000, 0.0000,
0.0000

■ 39.8059, 47.3118,
61.0669

■ 39.8059, 47.3118,
61.0669

■ 36.2756, 44.7424,
60.7578

■ 43.9519, 50.2128,
61.4091

■ 33.3239, 42.4821,
60.4771

■ 48.7397, 53.4555,
61.7827

■ 30.9161, 40.5139,
60.2241

■ 54.1991, 57.0565,
62.1900

■ 29.0123, 38.8173,
59.9970

■ 60.3568, 61.0296,
62.6323

■ 27.5668, 37.3687,
59.7936

■ 67.2379, 65.3877,
63.1109

■ 26.5254, 36.1401,
59.6113

■ 73.6032, 69.4921,
63.5676

■ 25.7936, 35.0928,
59.4477

■ 74.1659, 70.6174,
63.7552

■ 74.7368, 71.7592,
63.9455

■ 75.3160, 72.9177,
64.1385

Harmonies

Analogous

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



39.0236, 47.3118, 51.6278



39.8059, 47.3118, 61.0669



41.9585, 47.3118, 68.6250

Triad

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



39.8059, 47.3118, 61.0669



50.6019, 47.3118, 60.8476



44.9289, 47.3118, 35.6576

Complementary

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



39.8059, 47.3118, 61.0669



38.4928, 34.5643, 29.0699

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.



48.1190, 47.3118, 37.5145



39.8059, 47.3118, 61.0669



51.4883, 47.3118, 51.4014

Square

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



39.8059, 47.3118, 61.0669



48.1907, 47.3118, 68.4880



50.5591, 47.3118, 43.0141



41.8932, 47.3118, 37.6062

Rectangle

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



39.8059, 47.3118, 61.0669



43.9339, 47.3118, 71.1763



50.5591, 47.3118, 43.0141



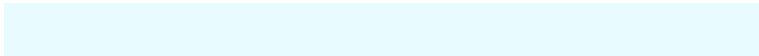
46.0191, 47.3118, 35.8546

Sweetspot

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



39.8073, 47.3137, 61.0680



86.2570, 94.2083, 108.2455



36.1826, 48.3810, 34.2205



18.1783, 19.9747, 23.1474



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.



39.8073, 47.3137, 61.0680



65.6343, 79.9058, 106.5718



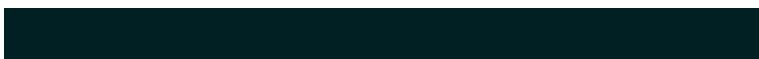
34.0544, 35.8079, 59.1504



10.8370, 11.8482, 13.6332



16.6273, 22.6485, 38.2396



0.8180, 1.1338, 1.8209

Inverse Universe

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



42.3014, 34.4142, 54.2844



70.7465, 54.0750, 92.5306



43.5442, 44.6671, 30.7537



11.0278, 10.7945, 13.1295



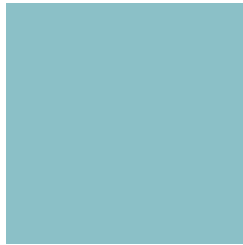
20.1920, 9.8264, 27.2847



0.9716, 0.4715, 1.3735

Previews

White Background



This preview shows how the XYZ color 39.8059, 47.3118, 61.0669 looks on a white background.

Color Contrast Check

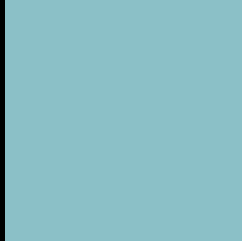
Large Text (above 18pt) WCAG AA × Fail

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 39.8059, 47.3118, 61.0669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

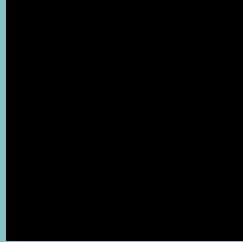
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.8059, 47.3118, 61.0669

Background



This preview shows how black text looks on a background with the XYZ color 39.8059, 47.3118, 61.0669.



This preview shows how white text looks on a background with the XYZ color 39.8059, 47.3118,

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

39.8059, 47.3118, 61.0669

Protanopia

45.5667, 46.9208, 56.5242

Deuteranopia

47.8687, 46.7849, 62.3846



Tritanopia

40.7559, 47.3806, 65.3898

Trichromacy



Original Color

39.8059, 47.3118, 61.0669

Protanomaly

43.1356, 46.8535, 58.3999

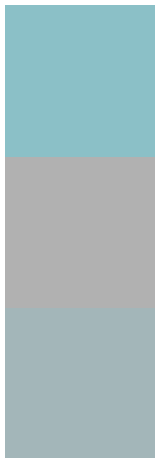
Deuteranomaly

44.2838, 46.4436, 61.8888

Tritanomaly

40.2255, 47.1488, 63.4804

Monochromacy



Original Color

39.8059, 47.3118, 61.0669

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

40.5892, 44.7452, 52.3964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8059, 47.3118, 61.0669 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(139, 192, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 192, 199) }
```

Border

The CSS property to change the border of an element to XYZ 39.8059, 47.3118, 61.0669 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, 199) }
```


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

```
.border{ border-color:rgb(139, 192, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 192, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 192, 199);  
box-shadow:4px 4px 4px 4px rgb(139, 192,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8059, 47.3118, 61.0669 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, 199) }
```

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

```
.background{ background-color: rgb(139,  
192, 199) }
```

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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