

Converting Colors

XYZ(39.4039, 46.9509, 68.8897)

Have a look what the booklet for
XYZ(39.4039, 46.9509, 68.8897)
contains.

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Color

**XYZ(39.3599, 46.9144,
68.6089)**

Conversions

Conversions Part 1

Format	Color
Hex	7FC0D3
RGB	127, 192, 211
RGB Percent	50%, 75%, 83%
CMY	0.5019, 0.2470, 0.1725
CMYK	0.40, 0.09, 0.00, 0.17
HSL	194°, 49%, 66%
HSV	194°, 40%, 83%
XYZ	39.3599, 46.9144, 68.6089
YIQ	174.7310, -44.8390, -7.8710

Conversions

Conversions Part 2

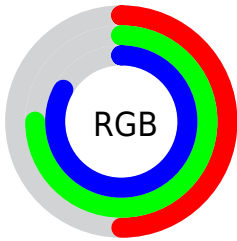
Format	Color
RYB	127, 164, 211
Decimal	8372435
CIELab	74.13, -15.83, -16.06
CIELCh	74, 22.547, 225.413
Yxy	46.9144, 0.2541, 0.3029
Android (android.graphics.Color)	4286562515 (0xFF7FC0D3)
YUV	174.7310, 17.8806, -41.8601
Hunter-Lab	68.4941, -17.2902, -11.4435

Details

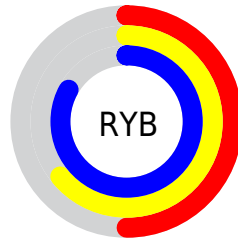
The XYZ color **39.3599, 46.9144, 68.6089** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.9745, 35.9398, 24.8575**, and the grayscale version is **40.5369, 42.6480, 46.4436**.

A 20% lighter version of the original color is **71.1458, 84.4221, 107.1530**, and **17.7617, 21.9550, 34.7541** is the 20% darker color. If you saturate the color by 10%, you get **35.5098, 43.4002, 68.1343**, and if you desaturate by 10%, it is **43.9049, 50.8394, 69.1278**.

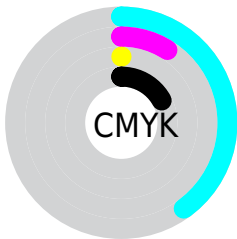
Distribution



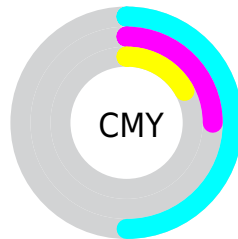
- Red (50%)
- Green (75%)
- Blue (83%)



- Red (50%)
- Yellow (64%)
- Blue (83%)



- Cyan (40%)
- Magenta (9%)
- Yellow (0%)
- Black (17%)



- Cyan (50%)
- Magenta (25%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3599, 46.9144, 68.6089 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 39.3599, 46.9144, 68.6089 by changing the saturation by 10% instead.

■ 39.3599, 46.9144,
68.6089

■ 39.3599, 46.9144,
68.6089

334.5991,
374.4727, 474.3069

■ 27.2218, 32.9680,
49.9235

■ 73.4784, 85.5858,
118.8852

■ 17.8773, 22.1019,
34.9818

■ 96.1894, 111.0796,
151.3132

■ 10.9611, 13.9318,
23.3655

■ 123.1555,
141.1914, 189.1592

■ 6.1078, 8.0733,
14.6558

154.7420,
176.3054, 232.8416

■ 2.9520, 4.1419,
8.4342

191.3143,
216.8062, 282.7790

■ 1.1284, 1.7532,
4.2823

233.2376,

■ 0.0487, 0.4578,

263.0781, 339.3900

1.7815

280.8775,
315.5055, 403.0931

■ 0.0000, 0.0000,
0.4157

■ 0.0000, 0.0000,
0.0000

■ 39.3599, 46.9144,
68.6089

■ 39.3599, 46.9144,
68.6089

■ 35.5098, 43.4002,
68.1343

■ 43.9049, 50.8394,
69.1278

■ 32.3086, 40.2694,
67.6988

■ 49.1786, 55.1900,
69.6896

■ 29.7112, 37.4994,
67.3010

■ 55.2178, 59.9865,
70.2971

■ 27.6648, 35.0625,
66.9385

■ 62.0552, 65.2464,
70.9520

■ 26.1069, 32.9258,
66.6082

■ 69.7220, 70.9860,
71.6557

■ 24.9260, 31.0316,
66.3048

■ 78.2472, 77.2209,
72.4099

■ 24.9047, 30.9965,
66.2991

■ 80.0340, 80.0352,
72.8589

■ 81.3454, 82.6580,
73.2960

■ 82.6932, 85.3535,
73.7453

Harmonies

Analogous

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



37.5175, 46.9144, 57.2218



39.3599, 46.9144, 68.6089



42.6640, 46.9144, 75.7615

Triad

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



39.3599, 46.9144, 68.6089



52.5338, 46.9144, 56.8885



42.5591, 46.9144, 32.5058

Complementary

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



39.3599, 46.9144, 68.6089



40.9745, 35.9398, 24.8575

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.



46.5747, 46.9144, 32.4445



39.3599, 46.9144, 68.6089



52.5014, 46.9144, 45.3976

Square

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



39.3599, 46.9144, 68.6089



50.3514, 46.9144, 68.3334



50.2656, 46.9144, 36.8270



39.2871, 46.9144, 37.0096

Rectangle

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



39.3599, 46.9144, 68.6089



45.3271, 46.9144, 76.5675



50.2656, 46.9144, 36.8270



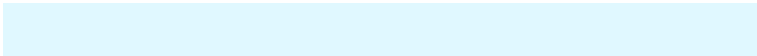
43.8624, 46.9144, 31.9903

Sweetspot

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



39.3613, 46.9162, 68.6100



82.5063, 90.3147, 107.6917



37.1741, 53.1521, 35.1704



17.3909, 19.1190, 23.0237



0.0000, 0.0000, 0.0000



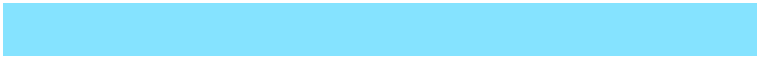
20.3446, 21.4041, 23.3091

Same Dimension

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



39.3613, 46.9162, 68.6100



55.2155, 67.2854, 104.6850



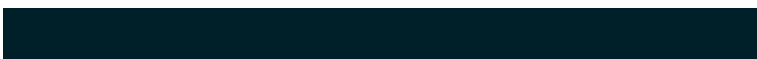
31.5460, 31.2854, 66.0049



11.9222, 12.9346, 15.1119



15.1098, 18.8662, 40.0377



0.9018, 1.1688, 2.2576

Inverse Universe

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



43.9690, 32.8347, 53.8914



63.4817, 43.4893, 77.9506



48.5085, 51.0079, 27.3688



12.1916, 11.9614, 14.2848



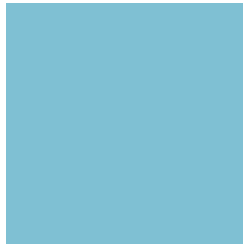
20.2575, 9.9758, 22.0597



1.1614, 0.5693, 1.3849

Previews

White Background



This preview shows how the XYZ color 39.3599, 46.9144, 68.6089 looks on a white background.

Color Contrast Check

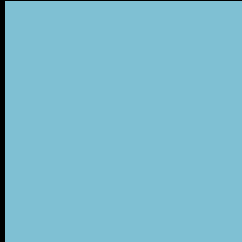
Large Text (above 18pt) WCAG AA × Fail

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 39.3599, 46.9144, 68.6089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

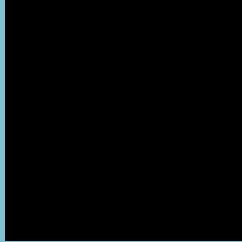
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.3599, 46.9144, 68.6089

Background



This preview shows how black text looks on a background with the XYZ color 39.3599, 46.9144, 68.6089.



This preview shows how white text looks on a background with the XYZ color 39.3599, 46.9144,

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

39.3599, 46.9144, 68.6089

Protanopia

45.4608, 46.4193, 63.0637

Deuteranopia

47.3882, 46.3666, 70.0704



Tritanopia

38.8390, 46.6890, 66.6393

Trichromacy



Original Color

39.3599, 46.9144, 68.6089

Protanomaly

42.5791, 46.1081, 65.0481

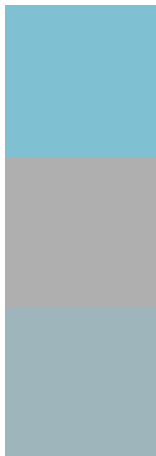
Deuteranomaly

43.8424, 46.0465, 69.5279

Tritanomaly

38.9624, 46.7383, 67.2895

Monochromacy



Original Color

39.3599, 46.9144, 68.6089

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

39.7015, 43.9477, 53.9672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3599, 46.9144, 68.6089 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(127, 192, 211)` looks like.

```
.text, #text, p{  
    color:rgb(127, 192, 211)  
}
```

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(127, 192, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 192, 211) }
```

Border

The CSS property to change the border of an element to XYZ 39.3599, 46.9144, 68.6089 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(127, 192, 211) }
```


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

```
.border{ border-color:rgb(127, 192, 211) }
```

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

Here you see how a box with a 4 pixel rgb(127, 192, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 192, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 192, 211);  
box-shadow:4px 4px 4px 4px rgb(127, 192,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3599, 46.9144, 68.6089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 192, 211) }
```

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

```
.background{ background-color: rgb(127,  
192, 211) }
```

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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