

Converting Colors

XYZ(39.4657, 46.7370, 58.5716)

Have a look what the booklet for
XYZ(39.4657, 46.7370, 58.5716)
contains.

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Color

**XYZ(39.6365, 46.9525,
58.6034)**

Conversions

Conversions Part 1

Format	Color
Hex	8EBFC3
RGB	142, 191, 195
RGB Percent	56%, 75%, 76%
CMY	0.4431, 0.2510, 0.2353
CMYK	0.27, 0.02, 0.00, 0.24
HSL	185°, 31%, 66%
HSV	185°, 27%, 76%
XYZ	39.6365, 46.9525, 58.6034
YIQ	176.8050, -30.4880, -9.1440

Conversions

Conversions Part 2

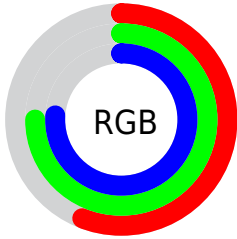
Format	Color
R_{YB}	142, 167, 195
Decimal	9355203
CIE _{Lab}	74.16, -15.06, -7.24
CIE _{LCh}	74, 16.711, 205.670
Yxy	46.9525, 0.2730, 0.3234
Android (android.graphics.Color)	4287545283 (0xFF8EBFC3)
YUV	176.8050, 8.9701, -30.5240
Hunter-Lab	68.5219, -16.6600, -2.7425

Details

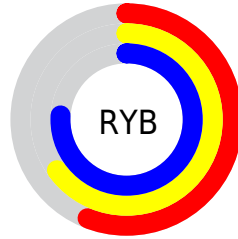
The XYZ color **39.6365, 46.9525, 58.6034** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.6677, 34.1133, 30.1916**, and the grayscale version is **41.6547, 43.8240, 47.7243**.

A 20% lighter version of the original color is **73.8574, 85.4201, 104.6905**, and **17.9698, 21.9881, 28.4963** is the 20% darker color. If you saturate the color by 10%, you get **36.2603, 44.7394, 58.3549**, and if you desaturate by 10%, it is **43.6040, 49.4776, 58.8825**.

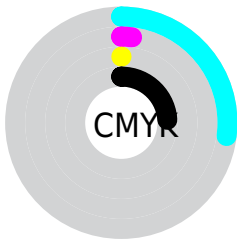
Distribution



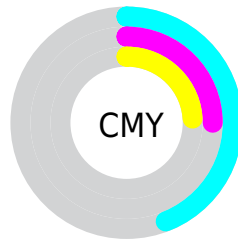
- Red (56%)
- Green (75%)
- Blue (76%)



- Red (56%)
- Yellow (65%)
- Blue (76%)



- Cyan (27%)
- Magenta (2%)
- Yellow (0%)
- Black (24%)



- Cyan (44%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.6365, 46.9525, 58.6034 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 39.6365, 46.9525, 58.6034 by changing the saturation by 10% instead.

■ 39.6365, 46.9525,
58.6034

■ 39.6365, 46.9525,
58.6034

335.7498,
374.6249, 437.0915

■ 27.4382, 32.9981,
41.8760

■ 73.8975, 85.6427,
104.3245

■ 18.0409, 22.1250,
28.6794

■ 96.6910, 111.1473,
134.1553

■ 11.0792, 13.9488,
18.5949

123.7468,
141.2708, 169.1909

■ 6.1878, 8.0850,
11.2041

155.4305,
176.3975, 209.8500

■ 3.0014, 4.1494,
6.0884

192.1072,
216.9119, 256.5511

■ 1.1545, 1.7575,
2.8292

234.1425,

■ 0.0700, 0.4605,

263.1983, 309.7127

1.0081

281.9016,
315.6412, 369.7533

■ 0.0000, 0.0000,
0.0000

■ 39.6365, 46.9525,
58.6034

■ 39.6365, 46.9525,
58.6034

■ 36.2603, 44.7394,
58.3549

■ 43.6040, 49.4776,
58.8825

■ 33.4407, 42.8167,
58.1325

■ 48.1869, 52.3236,
59.1902

■ 31.1459, 41.1694,
57.9354

■ 53.4131, 55.5060,
59.5291

■ 29.3390, 39.7784,
57.7622

■ 59.3074, 59.0377,
59.9001

■ 27.9786, 38.6222,
57.6107

■ 65.8934, 62.9308,
60.3044

■ 27.0159, 37.6758,
57.4788

■ 71.7052, 66.4296,
60.6734

■ 26.3837, 36.9045,
57.3632

■ 72.0471, 67.1134,
60.7874

■ 26.2308, 36.7008,
57.3320

■ 72.3923, 67.8039,
60.9025

■ 72.7408, 68.5009,
61.0186

Harmonies

Analogous

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



39.1289, 46.9525, 49.8884



39.6365, 46.9525, 58.6034



41.4582, 46.9525, 65.9837

Triad

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



39.6365, 46.9525, 58.6034



49.5520, 46.9525, 60.9971



45.0631, 46.9525, 36.3818

Complementary

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



39.6365, 46.9525, 58.6034



37.6677, 34.1133, 30.1916

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.



47.9531, 46.9525, 38.6805



39.6365, 46.9525, 58.6034



50.6173, 46.9525, 52.3784

Square

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



39.6365, 46.9525, 58.6034



47.1676, 46.9525, 67.4705



50.0196, 46.9525, 44.3084



42.1792, 46.9525, 37.6559

Rectangle

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



39.6365, 46.9525, 58.6034



43.2171, 46.9525, 68.8201



50.0196, 46.9525, 44.3084



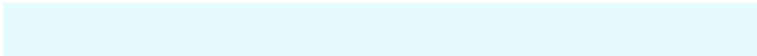
46.0671, 46.9525, 36.7545

Sweetspot

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



39.6379, 46.9544, 58.6045



85.4776, 93.2037, 105.9548



35.8235, 46.8427, 34.1588



18.4307, 20.2330, 23.1839



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.



39.6379, 46.9544, 58.6045



67.0409, 81.5201, 104.6713



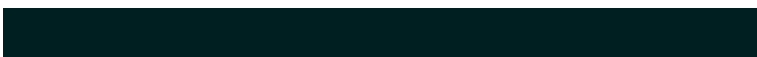
34.4558, 36.5903, 56.8771



10.3014, 11.2942, 12.9219



17.0758, 23.9080, 37.2713



0.7575, 1.0724, 1.6170

Inverse Universe

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



41.5838, 34.7109, 53.8004



71.1824, 55.8722, 94.3551



42.1480, 43.0738, 31.6850



10.4635, 10.2340, 12.5311



20.0150, 9.6958, 29.0549



0.8747, 0.4229, 1.3078

Previews

White Background



This preview shows how the XYZ color 39.6365, 46.9525, 58.6034 looks on a white background.

Color Contrast Check

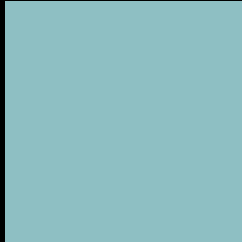
Large Text (above 18pt) WCAG AA × Fail

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 39.6365, 46.9525, 58.6034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

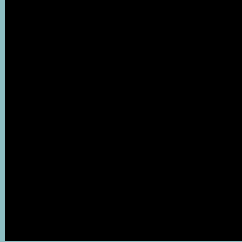
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.6365, 46.9525, 58.6034

Background



This preview shows how black text looks on a background with the XYZ color 39.6365, 46.9525, 58.6034.

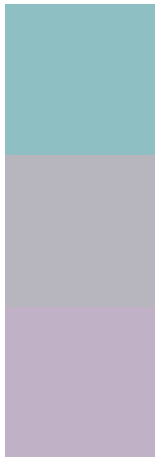


This preview shows how white text looks on a background with the XYZ color 39.6365, 46.9525,

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

39.6365, 46.9525, 58.6034

Protanopia

45.2376, 46.7891, 54.7910

Deuteranopia

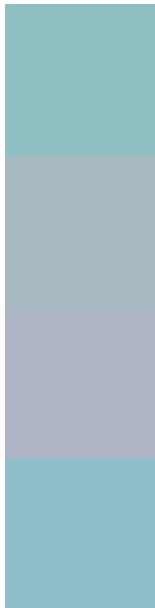
47.6534, 46.7280, 59.9339



Tritanopia

40.7186, 46.7323, 64.6317

Trichromacy



Original Color

39.6365, 46.9525, 58.6034

Protanomaly

42.9014, 46.7843, 56.0594

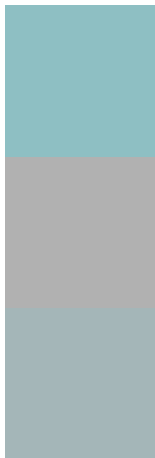
Deuteranomaly

44.2616, 46.4858, 59.4631

Tritanomaly

40.2838, 46.8836, 62.1846

Monochromacy



Original Color

39.6365, 46.9525, 58.6034

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

40.6895, 44.8091, 51.8519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6365, 46.9525, 58.6034 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(142, 191, 195)` looks like.

```
.text, #text, p{  
    color:rgb(142, 191, 195)  
}
```

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(142, 191, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 191, 195) }
```

Border

The CSS property to change the border of an element to XYZ 39.6365, 46.9525, 58.6034 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(142, 191, 195) }
```


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

```
.border{ border-color:rgb(142, 191, 195) }
```

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

Here you see how a box with a 4 pixel rgb(142, 191, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 191, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 191, 195);  
box-shadow:4px 4px 4px 4px rgb(142, 191,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6365, 46.9525, 58.6034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 191, 195) }
```

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

```
.background{ background-color: rgb(142,  
191, 195) }
```

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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