

Converting Colors

XYZ(39.7950, 46.0244, 59.6102)

Have a look what the booklet for
XYZ(39.7950, 46.0244, 59.6102)
contains.

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Color

**XYZ(39.7383, 46.0174,
59.6111)**

Conversions

Conversions Part 1

Format	Color
Hex	91BCC5
RGB	145, 188, 197
RGB Percent	57%, 74%, 77%
CMY	0.4314, 0.2627, 0.2274
CMYK	0.26, 0.05, 0.00, 0.23
HSL	190°, 31%, 67%
HSV	190°, 26%, 77%
XYZ	39.7383, 46.0174, 59.6111
YIQ	176.1690, -28.5170, -6.3170

Conversions

Conversions Part 2

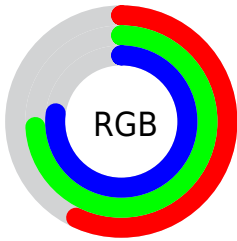
Format	Color
R_{YB}	145, 169, 197
Decimal	9551045
CIE _{Lab}	73.56, -12.15, -9.21
CIE _{LCh}	74, 15.240, 217.159
Yxy	46.0174, 0.2734, 0.3166
Android (android.graphics.Color)	4287741125 (0xFF91BCC5)
YUV	176.1690, 10.2697, -27.3352
Hunter-Lab	67.8361, -14.1482, -4.6159

Details

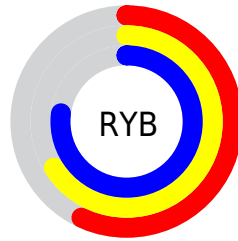
The XYZ color **39.7383, 46.0174, 59.6111** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.6929, 37.0261, 31.8437**, and the grayscale version is **41.3148, 43.4664, 47.3349**.

A 20% lighter version of the original color is **74.0595, 84.1365, 106.1025**, and **18.1361, 21.6383, 29.2073** is the 20% darker color. If you saturate the color by 10%, you get **35.8442, 42.9427, 59.2236**, and if you desaturate by 10%, it is **44.2543, 49.4405, 60.0346**.

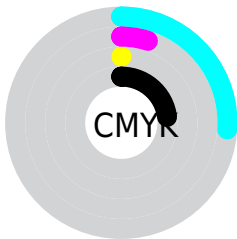
Distribution



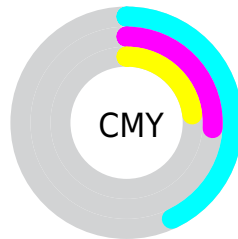
- Red (57%)
- Green (74%)
- Blue (77%)



- Red (57%)
- Yellow (66%)
- Blue (77%)



- Cyan (26%)
- Magenta (5%)
- Yellow (0%)
- Black (23%)



- Cyan (43%)
- Magenta (26%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7383, 46.0174, 59.6111 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 39.7383, 46.0174, 59.6111 by changing the saturation by 10% instead.

■ 39.7383, 46.0174,
59.6111

■ 39.7383, 46.0174,
59.6111

336.1727,
370.8786, 440.9276

■ 27.5179, 32.2596,
42.6820

■ 74.0517, 84.2450,
105.8032

■ 18.1011, 21.5598,
29.3061

■ 96.8754, 109.4836,
135.9032

■ 11.1227, 13.5338,
19.0650

123.9642,
139.3179, 171.2306

■ 6.2174, 7.7972,
11.5399

155.6835,
174.1323, 212.2040

■ 3.0196, 3.9654,
6.3125

192.3987,
214.3111, 259.2418

■ 1.1641, 1.6542,
2.9642

234.4750,

■ 0.0778, 0.3938,

260.2389, 312.7627

1.0764

282.2779,
312.2999, 373.1851

■ 0.0000, 0.0000,
0.0000

■ 39.7383, 46.0174,
59.6111

■ 39.7383, 46.0174,
59.6111

■ 35.8442, 42.9427,
59.2236

■ 44.2543, 49.4405,
60.0346

■ 32.5366, 40.1946,
58.8675

■ 49.4170, 53.2216,
60.4923

■ 29.7831, 37.7573,
58.5422

■ 55.2549, 57.3766,
60.9866

■ 27.5459, 35.6113,
58.2459

■ 61.7935, 61.9188,
61.5187

■ 25.7830, 33.7345,
57.9766

■ 69.0569, 66.8610,
62.0898

■ 24.4448, 32.1014,
57.7319

■ 73.9855, 70.6259,
62.5567

■ 23.4680, 30.6790,
57.5088

■ 74.8279, 72.3108,
62.8376

■ 23.1600, 30.1950,
57.4316

■ 75.6884, 74.0317,
63.1244

■ 76.5670, 75.7889,
63.4172

Harmonies

Analogous

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



38.7971, 46.0174, 51.9768



39.7383, 46.0174, 59.6111



41.7580, 46.0174, 65.0587

Triad

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



39.7383, 46.0174, 59.6111



48.6879, 46.0174, 56.0874



43.0958, 46.0174, 36.7796

Complementary

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



39.7383, 46.0174, 59.6111



39.6929, 37.0261, 31.8437

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.



45.7799, 46.0174, 37.6387



39.7383, 46.0174, 59.6111



49.0819, 46.0174, 48.2789

Square

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



39.7383, 46.0174, 59.6111



46.9423, 46.0174, 62.8829



47.9978, 46.0174, 41.6676



40.6832, 46.0174, 39.1873

Rectangle

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



39.7383, 46.0174, 59.6111



43.4819, 46.0174, 66.4311



47.9978, 46.0174, 41.6676



43.9954, 46.0174, 36.7004

Sweetspot

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



39.7397, 46.0193, 59.6122



86.8233, 94.1026, 108.1953



37.4492, 48.2751, 37.7717



18.2717, 19.9150, 23.1309



0.0000, 0.0000, 0.0000



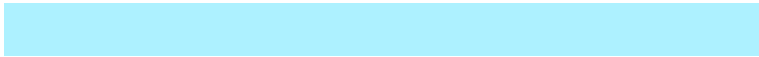
20.3446, 21.4041, 23.3091

Same Dimension

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



39.7397, 46.0193, 59.6122



66.7921, 78.9898, 106.3340



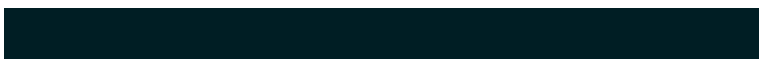
34.7351, 36.0102, 57.9440



10.7846, 11.7432, 13.6157



15.2873, 19.9686, 37.7930



0.7662, 1.0301, 1.8036

Inverse Universe

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



42.2295, 35.7530, 52.2543



72.1197, 57.6445, 90.4509



44.3917, 46.4236, 33.4100



11.0013, 10.7839, 12.9900



19.5157, 9.5558, 23.7232



0.9454, 0.4610, 1.2357

Previews

White Background



This preview shows how the XYZ color 39.7383, 46.0174, 59.6111 looks on a white background.

Color Contrast Check

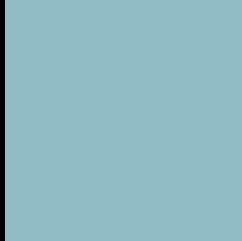
Large Text (above 18pt) WCAG AA × Fail

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 39.7383, 46.0174, 59.6111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

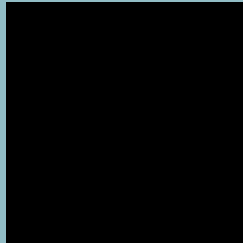
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.7383, 46.0174, 59.6111

Background



This preview shows how black text looks on a background with the XYZ color 39.7383, 46.0174, 59.6111.



This preview shows how white text looks on a background with the XYZ color 39.7383, 46.0174,

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

39.7383, 46.0174, 59.6111

Protanopia

44.4569, 45.7493, 56.3565

Deuteranopia

46.7416, 45.6489, 60.9912



Tritanopia

40.2851, 45.9159, 62.6165

Trichromacy



Original Color

39.7383, 46.0174, 59.6111

Protanomaly

42.4019, 45.5664, 57.5993

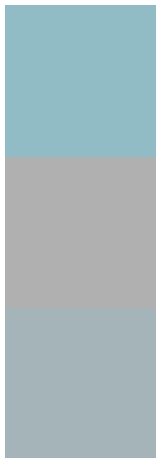
Deuteranomaly

43.8636, 45.6503, 60.5324

Tritanomaly

40.0497, 45.8218, 61.3772

Monochromacy



Original Color

39.7383, 46.0174, 59.6111

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.4900, 44.1025, 51.7260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7383, 46.0174, 59.6111 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(145, 188, 197)` looks like.

```
.text, #text, p{  
    color:rgb(145, 188, 197)  
}
```

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(145, 188, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 188, 197) }
```

Border

The CSS property to change the border of an element to XYZ 39.7383, 46.0174, 59.6111 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(145, 188, 197) }
```


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

```
.border{ border-color:rgb(145, 188, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 188, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 188, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 188, 197);  
box-shadow:4px 4px 4px 4px rgb(145, 188,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7383, 46.0174, 59.6111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 188, 197) }
```

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

```
.background{ background-color: rgb(145,  
188, 197) }
```

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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