

Converting Colors

XYZ(39.6417, 47.3457, 61.9502)

Have a look what the booklet for
XYZ(39.6417, 47.3457, 61.9502)
contains.

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Color

**XYZ(39.4283, 47.1036,
61.6574)**

Conversions

Conversions Part 1

Format	Color
Hex	88C0C8
RGB	136, 192, 200
RGB Percent	53%, 75%, 78%
CMY	0.4667, 0.2470, 0.2157
CMYK	0.32, 0.04, 0.00, 0.22
HSL	187°, 37%, 66%
HSV	187°, 32%, 78%
XYZ	39.4283, 47.1036, 61.6574
YIQ	176.1680, -35.9440, -9.3840

Conversions

Conversions Part 2

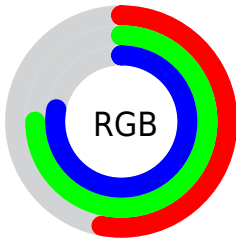
Format	Color
R_{YB}	136, 166, 200
Decimal	8962248
CIE _{Lab}	74.26, -16.13, -9.85
CIE _{LCh}	74, 18.903, 211.407
Yxy	47.1036, 0.2661, 0.3179
Android (android.graphics.Color)	4287152328 (0xFF88C0C8)
YUV	176.1680, 11.7492, -35.2273
Hunter-Lab	68.6321, -17.5600, -5.2223

Details

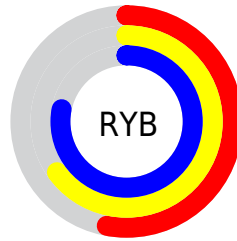
The XYZ color **39.4283, 47.1036, 61.6574** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.2373, 34.0040, 27.8418**, and the grayscale version is **41.3096, 43.4609, 47.3290**.

A 20% lighter version of the original color is **73.1033, 85.4312, 107.2447**, and **17.8441, 22.0913, 30.5177** is the 20% darker color. If you saturate the color by 10%, you get **35.9345, 44.4958, 61.3390**, and if you desaturate by 10%, it is **43.5403, 50.0462, 62.0095**.

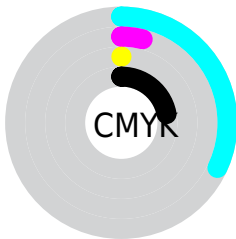
Distribution



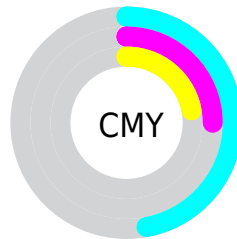
- Red (53%)
- Green (75%)
- Blue (78%)



- Red (53%)
- Yellow (65%)
- Blue (78%)



- Cyan (32%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)



- Cyan (47%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4283, 47.1036, 61.6574 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 39.4283, 47.1036, 61.6574 by changing the saturation by 10% instead.

■ 39.4283, 47.1036,
61.6574

■ 39.4283, 47.1036,
61.6574

334.8839,
375.2279, 448.6534

■ 27.2753, 33.1176,
44.3219

■ 73.5820, 85.8682,
108.7970

■ 17.9177, 22.2165,
30.5846

■ 96.3135, 111.4156,
139.4382

■ 10.9903, 14.0161,
20.0270

■ 123.3018,
141.5856, 175.3518

■ 6.1275, 8.1319,
12.2304

154.9124,
176.7626, 216.9562

■ 2.9642, 4.1794,
6.7763

191.5105,
217.3309, 264.6700

■ 1.1349, 1.7744,
3.2463

233.4616,

■ 0.0540, 0.4712,

263.6749, 318.9118

1.2217

281.1309,
316.1791, 380.1001

■ 0.0000, 0.0000,
0.0000

■ 39.4283, 47.1036,
61.6574

■ 39.4283, 47.1036,
61.6574

■ 35.9345, 44.4958,
61.3390

■ 43.5403, 50.0462,
62.0095

■ 33.0209, 42.1998,
61.0494

■ 48.2975, 53.3342,
62.3934

■ 30.6518, 40.1981,
60.7879

■ 53.7304, 56.9845,
62.8116

■ 28.7856, 38.4693,
60.5525

■ 59.8662, 61.0112,
63.2654

■ 27.3749, 36.9889,
60.3411

■ 66.7308, 65.4277,
63.7561

■ 26.3627, 35.7274,
60.1510

■ 73.9783, 70.0558,
64.2674

■ 25.7569, 34.8329,
60.0103

■ 74.5887, 71.2765,
64.4709

■ 75.2087, 72.5165,
64.6776

■ 75.8383, 73.7759,
64.8874

Harmonies

Analogous

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



38.5581, 47.1036, 51.7482



39.4283, 47.1036, 61.6574



41.7193, 47.1036, 69.5117

Triad

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



39.4283, 47.1036, 61.6574



50.7488, 47.1036, 60.7630



44.6105, 47.1036, 34.7800

Complementary

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



39.4283, 47.1036, 61.6574



38.2373, 34.0040, 27.8418

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.



47.9671, 47.1036, 36.5648



39.4283, 47.1036, 61.6574



51.6169, 47.1036, 50.8302

Square

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



39.4283, 47.1036, 61.6574



48.2583, 47.1036, 68.9511



50.5748, 47.1036, 42.1514



41.4550, 47.1036, 36.9323

Rectangle

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



39.4283, 47.1036, 61.6574



43.8025, 47.1036, 72.0773



50.5748, 47.1036, 42.1514



45.7528, 47.1036, 34.9378

Sweetspot

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



39.4297, 47.1055, 61.6585



85.2747, 93.4640, 108.1536



35.8020, 48.5411, 33.6559



17.9793, 19.8198, 23.1279



0.0000, 0.0000, 0.0000



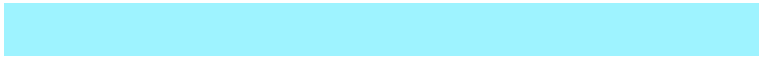
20.3446, 21.4041, 23.3091

Same Dimension

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



39.4297, 47.1055, 61.6585



64.1880, 78.5349, 106.3834



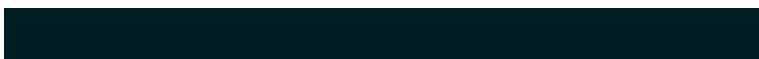
33.2432, 34.7324, 59.5963



10.8293, 11.8326, 13.6306



16.4220, 22.2379, 38.1712



0.8101, 1.1180, 1.8182

Inverse Universe

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



42.1392, 33.6946, 54.1539



69.6450, 52.2123, 91.1146



43.6853, 44.8999, 29.6578



11.0238, 10.7929, 13.1089



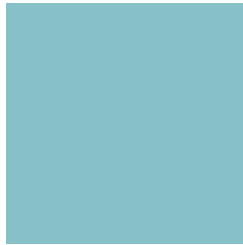
20.0884, 9.7849, 26.7391



0.9676, 0.4699, 1.3526

Previews

White Background



This preview shows how the XYZ color 39.4283, 47.1036, 61.6574 looks on a white background.

Color Contrast Check

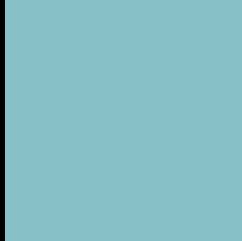
Large Text (above 18pt) WCAG AA × Fail

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 39.4283, 47.1036, 61.6574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

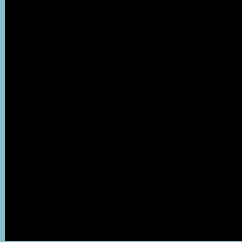
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4283, 47.1036, 61.6574

Background



This preview shows how black text looks on a background with the XYZ color 39.4283, 47.1036, 61.6574.

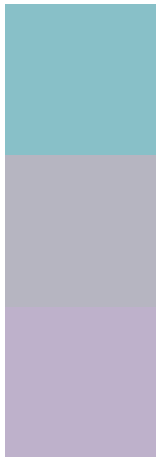


This preview shows how white text looks on a background with the XYZ color 39.4283, 47.1036,

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

39.4283, 47.1036, 61.6574

Protanopia

45.4409, 46.8431, 57.0987

Deuteranopia

47.7368, 46.7032, 62.9985



Tritanopia

40.2526, 47.1211, 65.3663

Trichromacy



Original Color

39.4283, 47.1036, 61.6574

Protanomaly

42.8298, 46.6828, 58.9779

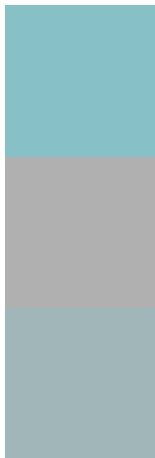
Deuteranomaly

43.9662, 46.2662, 62.4901

Tritanomaly

39.8464, 46.9396, 64.0869

Monochromacy



Original Color

39.4283, 47.1036, 61.6574

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.1828, 44.5357, 52.3773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4283, 47.1036, 61.6574 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(136, 192, 200)` looks like.

```
.text, #text, p{  
    color:rgb(136, 192, 200)  
}
```

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(136, 192, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 192, 200) }
```

Border

The CSS property to change the border of an element to XYZ 39.4283, 47.1036, 61.6574 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(136, 192, 200) }
```


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

```
.border{ border-color:rgb(136, 192, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 192, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 192, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 192, 200);  
box-shadow:4px 4px 4px 4px rgb(136, 192,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4283, 47.1036, 61.6574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 192, 200) }
```

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

```
.background{ background-color: rgb(136,  
192, 200) }
```

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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