

Converting Colors

XYZ(39.0284, 48.5462, 60.8001)

Have a look what the booklet for
XYZ(39.0284, 48.5462, 60.8001)
contains.

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Color

**XYZ(39.0614, 48.5989,
60.7479)**

Conversions

Conversions Part 1

Format	Color
Hex	80C5C6
RGB	128, 197, 198
RGB Percent	50%, 77%, 78%
CMY	0.4980, 0.2274, 0.2235
CMYK	0.35, 0.01, 0.00, 0.22
HSL	181°, 38%, 64%
HSV	181°, 35%, 78%
XYZ	39.0614, 48.5989, 60.7479
YIQ	176.4830, -41.4450, -14.3170

Conversions

Conversions Part 2

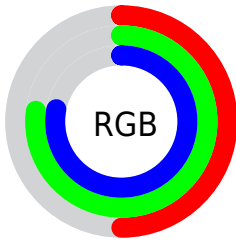
Format	Color
R_{YB}	128, 163, 198
Decimal	8439238
CIE _{Lab}	75.20, -21.37, -7.40
CIE _{LCh}	75, 22.614, 199.111
Yxy	48.5989, 0.2632, 0.3275
Android (android.graphics.Color)	4286629318 (0xFF80C5C6)
YUV	176.4830, 10.6079, -42.5196
Hunter-Lab	69.7129, -21.9808, -2.8663

Details

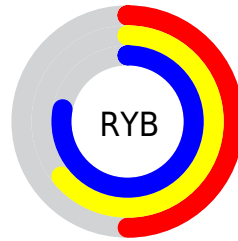
The XYZ color **39.0614, 48.5989, 60.7479** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.0360, 29.2654, 24.2254**, and the grayscale version is **41.4820, 43.6423, 47.5264**.

A 20% lighter version of the original color is **73.2590, 88.2940, 107.7890**, and **17.6805, 23.1144, 29.9152** is the 20% darker color. If you saturate the color by 10%, you get **36.3053, 47.0842, 60.6016**, and if you desaturate by 10%, it is **42.4016, 50.4173, 60.9237**.

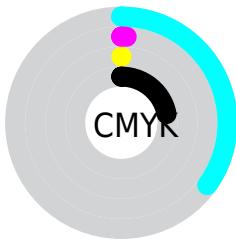
Distribution



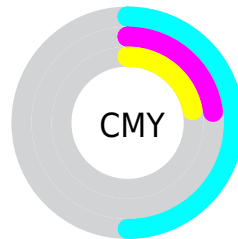
- Red (50%)
- Green (77%)
- Blue (78%)



- Red (50%)
- Yellow (64%)
- Blue (78%)



- Cyan (35%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (50%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0614, 48.5989, 60.7479 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 39.0614, 48.5989, 60.7479 by changing the saturation by 10% instead.

■ 39.0614, 48.5989,
60.7479

■ 39.0614, 48.5989,
60.7479

333.3541,
381.1611, 445.2300

■ 26.9884, 34.3014,
43.5925

■ 73.0256, 88.0954,
107.4678

■ 17.7011, 23.1252,
30.0154

■ 95.6475, 114.0633,
137.8694

■ 10.8340, 14.6860,
19.5982

■ 122.5165,
144.6900, 173.5235

■ 6.0218, 8.5993,
11.9221

153.9978,
180.3601, 214.8486

■ 2.8991, 4.4808,
6.5688

190.4569,
221.4578, 262.2632

■ 1.1006, 1.9460,
3.1196

232.2591,

■ 0.0257, 0.5758,

268.3676, 316.1860

1.1560

279.7697,
321.4739, 377.0354

■ 0.0000, 0.0000,
0.0000

■ 39.0614, 48.5989,
60.7479

■ 39.0614, 48.5989,
60.7479

■ 36.3053, 47.0842,
60.6016

■ 42.4016, 50.4173,
60.9237

■ 34.0951, 45.8499,
60.4799

■ 46.3529, 52.5496,
61.1270

■ 32.3947, 44.8786,
60.3820

■ 50.9455, 55.0129,
61.3604

■ 31.1619, 44.1486,
60.3061

■ 56.2067, 57.8209,
61.6251

■ 30.3480, 43.6346,
60.2498

■ 62.1621, 60.9869,
61.9223

■ 29.8930, 43.3059,
60.2103

■ 68.8358, 64.5235,
62.2532

■ 29.7484, 43.1876,
60.1951

■ 71.8519, 66.1747,
62.4129

■ 71.9169, 66.3047,
62.4346

■ 71.9820, 66.4350,
62.4563

Harmonies

Analogous

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



38.7975, 48.5989, 48.7190



39.0614, 48.5989, 60.7479



41.1675, 48.5989, 72.1196

Triad

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



39.0614, 48.5989, 60.7479



52.4841, 48.5989, 69.3119



47.7142, 48.5989, 33.5137

Complementary

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



39.0614, 48.5989, 60.7479



35.0360, 29.2654, 24.2254

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.



51.6091, 48.5989, 37.4651



39.0614, 48.5989, 60.7479



54.4705, 48.5989, 57.3472

Square

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



39.0614, 48.5989, 60.7479



48.8511, 48.5989, 77.5524



54.1411, 48.5989, 45.7878



43.6308, 48.5989, 34.1424

Rectangle

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



39.0614, 48.5989, 60.7479



43.4072, 48.5989, 77.2401



54.1411, 48.5989, 45.7878



49.0930, 48.5989, 34.3237

Sweetspot

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



39.0628, 48.6008, 60.7490



85.3453, 94.8079, 108.4093



32.9935, 46.5369, 27.6668



18.0330, 20.1670, 23.1921



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.



39.0628, 48.6008, 60.7490



65.5195, 84.0562, 107.3790



32.1934, 34.8620, 58.4592



10.9333, 12.0406, 13.6653



19.3515, 28.0970, 39.1477



0.9205, 1.3389, 1.8551

Inverse Universe

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



41.0871, 31.4765, 56.7355



69.6193, 49.5305, 99.2152



40.2832, 39.7598, 25.9745



11.0763, 10.8139, 13.3853



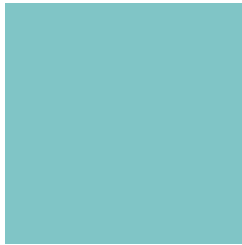
21.5671, 10.3764, 34.5258



1.0233, 0.4922, 1.6461

Previews

White Background



This preview shows how the XYZ color 39.0614, 48.5989, 60.7479 looks on a white background.

Color Contrast Check

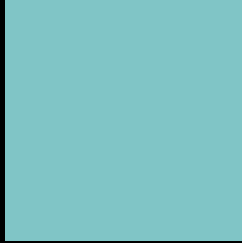
Large Text (above 18pt) WCAG AA × Fail

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 39.0614, 48.5989, 60.7479 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

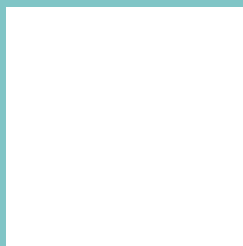
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.0614, 48.5989, 60.7479

Background



This preview shows how black text looks on a background with the XYZ color 39.0614, 48.5989, 60.7479.



This preview shows how white text looks on a background with the XYZ color 39.0614, 48.5989,

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

39.0614, 48.5989, 60.7479

Protanopia

46.4775, 48.0238, 55.5351

Deuteranopia

49.0289, 47.9738, 62.5529



Tritanopia

40.6331, 48.5587, 68.8592

Trichromacy



Original Color

39.0614, 48.5989, 60.7479

Protanomaly

43.1259, 47.8160, 57.4085

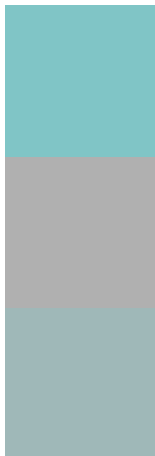
Deuteranomaly

44.6791, 47.8809, 62.1454

Tritanomaly

40.0864, 48.6819, 65.6763

Monochromacy



Original Color

39.0614, 48.5989, 60.7479

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.0903, 45.1126, 51.9420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0614, 48.5989, 60.7479 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(128, 197, 198)` looks like.

```
.text, #text, p{  
    color:rgb(128, 197, 198)  
}
```

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(128, 197, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 197, 198) }
```

Border

The CSS property to change the border of an element to XYZ 39.0614, 48.5989, 60.7479 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(128, 197, 198) }
```


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

```
.border{ border-color:rgb(128, 197, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 197, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 197, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 197, 198);  
box-shadow:4px 4px 4px 4px rgb(128, 197,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0614, 48.5989, 60.7479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 197, 198) }
```

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

```
.background{ background-color: rgb(128,  
197, 198) }
```

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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