

Converting Colors

XYZ(39.4631, 47.0123, 60.2481)

Have a look what the booklet for
XYZ(39.4631, 47.0123, 60.2481)
contains.

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Color

**XYZ(39.5239, 47.1798,
60.4496)**

Conversions

Conversions Part 1

Format	Color
Hex	8AC0C6
RGB	138, 192, 198
RGB Percent	54%, 75%, 78%
CMY	0.4588, 0.2470, 0.2235
CMYK	0.30, 0.03, 0.00, 0.22
HSL	186°, 34%, 66%
HSV	186°, 30%, 78%
XYZ	39.5239, 47.1798, 60.4496
YIQ	176.5380, -34.1100, -9.5820

Conversions

Conversions Part 2

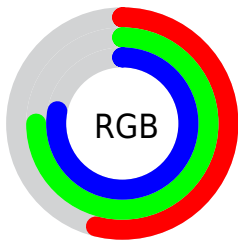
Format	Color
R _Y B	138, 166, 198
Decimal	9093318
CIE Lab	74.30, -16.04, -8.68
CIE LCh	74, 18.240, 208.415
Yxy	47.1798, 0.2686, 0.3206
Android (android.graphics.Color)	4287283398 (0xFF8AC0C6)
YUV	176.5380, 10.5808, -33.7978
Hunter-Lab	68.6876, -17.4915, -4.0978

Details

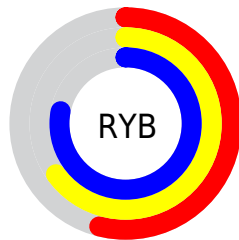
The XYZ color **39.5239, 47.1798, 60.4496** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.8500, 33.7875, 28.5724**, and the grayscale version is **41.5081, 43.6697, 47.5563**.

A 20% lighter version of the original color is **73.6097, 85.6923, 107.2684**, and **17.8688, 22.1219, 29.7137** is the 20% darker color. If you saturate the color by 10%, you get **36.1107, 44.7805, 60.1672**, and if you desaturate by 10%, it is **43.5430, 49.9024, 60.7641**.

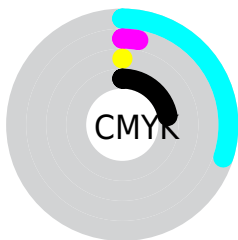
Distribution



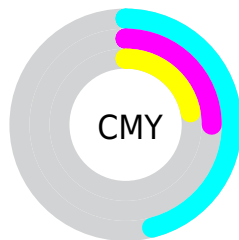
- Red (54%)
- Green (75%)
- Blue (78%)



- Red (54%)
- Yellow (65%)
- Blue (78%)



- Cyan (30%)
- Magenta (3%)
- Yellow (0%)
- Black (22%)



- Cyan (46%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5239, 47.1798, 60.4496 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 39.5239, 47.1798, 60.4496 by changing the saturation by 10% instead.

■ 39.5239, 47.1798,
60.4496

■ 39.5239, 47.1798,
60.4496

335.2817,
375.5318, 444.1036

■ 27.3501, 33.1778,
43.3535

■ 73.7269, 85.9819,
107.0313

■ 17.9743, 22.2627,
29.8291

■ 96.4869, 111.5509,
137.3540

■ 11.0311, 14.0501,
19.4579

■ 123.5062,
141.7443, 172.9226

■ 6.1552, 8.1555,
11.8215

155.1504,
176.9465, 214.1557

■ 2.9812, 4.1946,
6.5012

191.7846,
217.5420, 261.4718

■ 1.1438, 1.7830,
3.0785

233.7744,

■ 0.0613, 0.4765,

263.9151, 315.2895

1.1348

281.4849,
316.4502, 376.0272

■ 0.0000, 0.0000,
0.0000

■ 39.5239, 47.1798,
60.4496

■ 39.5239, 47.1798,
60.4496

■ 36.1107, 44.7805,
60.1672

■ 43.5430, 49.9024,
60.7641

■ 33.2666, 42.6821,
59.9121

■ 48.1937, 52.9582,
61.1088

■ 30.9575, 40.8681,
59.6836

■ 53.5055, 56.3635,
61.4861

■ 29.1436, 39.3181,
59.4800

■ 59.5048, 60.1320,
61.8973

■ 27.7799, 38.0086,
59.2991

■ 66.2164, 64.2765,
62.3435

■ 26.8129, 36.9121,
59.1385

■ 72.9974, 68.4657,
62.7947

■ 26.1552, 36.0012,
58.9973

■ 73.4705, 69.4118,
62.9524

■ 73.9496, 70.3700,
63.1121

■ 74.4347, 71.3402,
63.2738

Harmonies

Analogous

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



38.8320, 47.1798, 50.8730



39.5239, 47.1798, 60.4496



41.6216, 47.1798, 68.3361

Triad

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



39.5239, 47.1798, 60.4496



50.4303, 47.1798, 61.4189



45.0176, 47.1798, 35.3546

Complementary

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



39.5239, 47.1798, 60.4496



37.8500, 33.7875, 28.5724

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.



48.2265, 47.1798, 37.4750



39.5239, 47.1798, 60.4496



51.4443, 47.1798, 51.8718

Square

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



39.5239, 47.1798, 60.4496



47.9101, 47.1798, 68.9419



50.6191, 47.1798, 43.2498



41.9096, 47.1798, 37.0718

Rectangle

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



39.5239, 47.1798, 60.4496



43.5889, 47.1798, 71.1642



50.6191, 47.1798, 43.2498



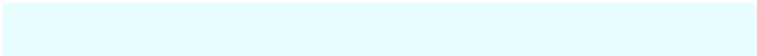
46.1209, 47.1798, 35.6367

Sweetspot

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



39.5253, 47.1817, 60.4507



86.3774, 94.4492, 108.2857



35.6341, 47.7755, 33.3310



18.2082, 20.0345, 23.1573



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.



39.5253, 47.1817, 60.4507



66.0973, 80.8319, 106.7262



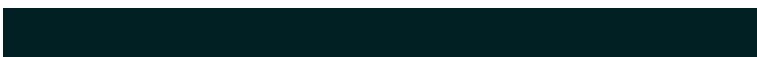
33.7724, 35.6759, 58.5330



10.8526, 11.8793, 13.6384



17.0448, 23.4836, 38.3788



0.8339, 1.1657, 1.8262

Inverse Universe

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



41.8927, 33.9896, 54.2240



70.9802, 54.1685, 93.7613



42.8206, 43.7288, 30.2293



11.0356, 10.7976, 13.1710



20.4028, 9.9107, 28.3946



0.9796, 0.4747, 1.4159

Previews

White Background



This preview shows how the XYZ color 39.5239, 47.1798, 60.4496 looks on a white background.

Color Contrast Check

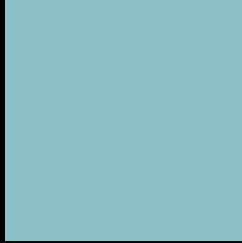
Large Text (above 18pt) WCAG AA × Fail

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 39.5239, 47.1798, 60.4496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

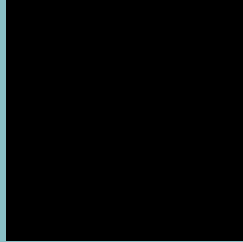
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.5239, 47.1798, 60.4496

Background



This preview shows how black text looks on a background with the XYZ color 39.5239, 47.1798, 60.4496.



This preview shows how white text looks on a background with the XYZ color 39.5239, 47.1798,

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

39.5239, 47.1798, 60.4496

Protanopia

45.4563, 46.8766, 55.9425

Deuteranopia

47.7506, 46.7377, 61.7629



Tritanopia

40.5866, 47.2933, 65.3819

Trichromacy



Original Color

39.5239, 47.1798, 60.4496

Protanomaly

43.0229, 46.8085, 57.8063

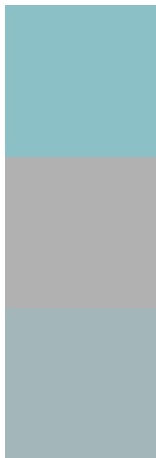
Deuteranomaly

44.1665, 46.3967, 61.2712

Tritanomaly

40.0578, 47.0624, 63.4726

Monochromacy



Original Color

39.5239, 47.1798, 60.4496

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

40.5892, 44.7452, 52.3964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5239, 47.1798, 60.4496 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(138, 192, 198)` looks like.

```
.text, #text, p{  
    color:rgb(138, 192, 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(138, 192, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 192, 198) }
```

Border

The CSS property to change the border of an element to XYZ 39.5239, 47.1798, 60.4496 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(138, 192, 198) }
```


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

```
.border{ border-color:rgb(138, 192, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 192, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 192, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 192, 198);  
box-shadow:4px 4px 4px 4px rgb(138, 192,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5239, 47.1798, 60.4496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 192, 198) }
```

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

```
.background{ background-color: rgb(138,  
192, 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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