

Converting Colors

XYZ(39.7502, 48.8701, 56.9302)

Have a look what the booklet for
XYZ(39.7502, 48.8701, 56.9302)
contains.

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Color

**XYZ(39.9619, 49.1415,
57.2482)**

Conversions

Conversions Part 1

Format	Color
Hex	8AC5C0
RGB	138, 197, 192
RGB Percent	54%, 77%, 75%
CMY	0.4588, 0.2274, 0.2471
CMYK	0.30, 0.00, 0.03, 0.23
HSL	175°, 34%, 66%
HSV	175°, 30%, 77%
XYZ	39.9619, 49.1415, 57.2482
YIQ	178.7890, -33.5590, -14.0630

Conversions

Conversions Part 2

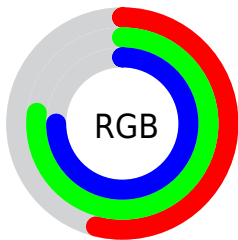
Format	Color
RYB	138, 169, 197
Decimal	9094592
CIELab	75.54, -19.99, -3.60
CIELCh	76, 20.311, 190.198
Yxy	49.1415, 0.2731, 0.3358
Android (android.graphics.Color)	4287284672 (0xFF8AC5C0)
YUV	178.7890, 6.5130, -35.7720
Hunter-Lab	70.1010, -20.9207, 0.6513

Details

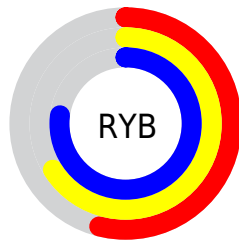
The XYZ color **39.9619, 49.1415, 57.2482** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.0741, 32.0318, 30.2173**, and the grayscale version is **42.7158, 44.9403, 48.9400**.

A 20% lighter version of the original color is **74.3774, 88.9984, 102.0652**, and **18.2290, 23.4403, 27.9898** is the 20% darker color. If you saturate the color by 10%, you get **36.8099, 47.5391, 56.1410**, and if you desaturate by 10%, it is **43.7100, 51.0535, 58.3963**.

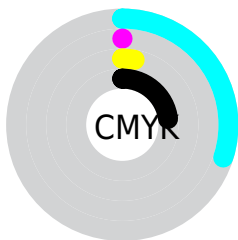
Distribution



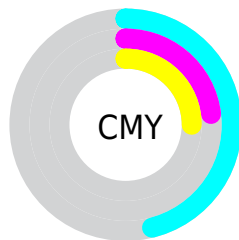
- Red (54%)
- Green (77%)
- Blue (75%)



- Red (54%)
- Yellow (66%)
- Blue (77%)



- Cyan (30%)
- Magenta (0%)
- Yellow (3%)
- Black (23%)



- Cyan (46%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.9619, 49.1415, 57.2482 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 39.9619, 49.1415, 57.2482 by changing the saturation by 10% instead.

■ 39.9619, 49.1415,
57.2482

■ 39.9619, 49.1415,
57.2482

337.1001,
383.2991, 431.8985

■ 27.6929, 34.7317,
40.7939

■ 74.3902, 88.9016,
102.3312

■ 18.2336, 23.4563,
27.8396

■ 97.2802, 115.0207,
131.7969

■ 11.2185, 14.9308,
17.9668

■ 124.4413,
145.8117, 166.4368

■ 6.2824, 8.7708,
10.7569

156.2388,
181.6590, 206.6695

■ 3.0598, 4.5920,
5.7915

193.0381,
222.9470, 252.9135

■ 1.1855, 2.0099,
2.6520

235.2045,

■ 0.0949, 0.6132,

270.0601, 305.5872

0.9191

283.1034,
323.3827, 365.1094

■ 0.0000, 0.0000,
0.0000

■ 39.9619, 49.1415,
57.2482

■ 39.9619, 49.1415,
57.2482

■ 36.8099, 47.5391,
56.1410

■ 43.7100, 51.0535,
58.3963

■ 34.2178, 46.2238,
55.0700

■ 48.0796, 53.2843,
59.5835

■ 32.1520, 45.1797,
54.0344

■ 53.0996, 55.8502,
60.8121

■ 30.5735, 44.3864,
53.0325

■ 58.7961, 58.7646,
62.0835

■ 29.4380, 43.8214,
52.0622

■ 65.1935, 62.0401,
63.3988

■ 28.6929, 43.4574,
51.1209

■ 71.8705, 65.4595,
64.7383

■ 28.2381, 43.2427,
50.2040

■ 72.0694, 65.5391,
65.7858

■ 28.2360, 43.2417,
50.1994

■ 72.2704, 65.6195,
66.8446

■ 72.4737, 65.7008,
67.9148

Harmonies

Analogous

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



40.2443, 49.1415, 46.8091



39.9619, 49.1415, 57.2482



41.4118, 49.1415, 67.9782

Triad

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



39.9619, 49.1415, 57.2482



51.5195, 49.1415, 70.8876



49.1940, 49.1415, 36.3287

Complementary

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



39.9619, 49.1415, 57.2482



37.0741, 32.0318, 30.2173

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.



52.4366, 49.1415, 41.2503



39.9619, 49.1415, 57.2482



53.8282, 49.1415, 60.8146

Square

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



39.9619, 49.1415, 57.2482



47.9963, 49.1415, 76.5223



54.1725, 49.1415, 49.9320



45.4420, 49.1415, 35.6416

Rectangle

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



39.9619, 49.1415, 57.2482



43.2135, 49.1415, 73.5091



54.1725, 49.1415, 49.9320



50.3850, 49.1415, 37.5081

Sweetspot

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



39.9633, 49.1435, 57.2493



86.7932, 95.7795, 106.8866



36.0393, 47.6897, 31.3513



18.3114, 20.3649, 22.8097



0.0000, 0.0000, 0.0000



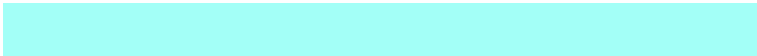
20.3446, 21.4041, 23.3091

Same Dimension

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



39.9633, 49.1435, 57.2493



67.7273, 86.0565, 101.2123



35.5811, 39.4769, 58.5700



10.9064, 12.0515, 13.4574



18.5866, 28.4470, 33.0974



0.8918, 1.3517, 1.6289

Inverse Universe

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



37.0741, 32.0318, 30.2173



61.7218, 50.4651, 45.0072



40.4651, 39.4069, 29.5193



10.6698, 10.6513, 11.2443



15.2234, 7.8389, 1.1204



0.7337, 0.3763, 0.1209

Previews

White Background



This preview shows how the XYZ color 39.9619, 49.1415, 57.2482 looks on a white background.

Color Contrast Check

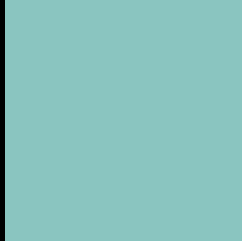
Large Text (above 18pt) WCAG AA × Fail

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 39.9619, 49.1415, 57.2482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

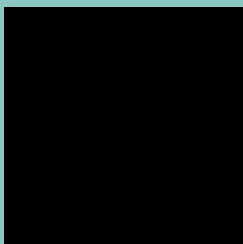
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

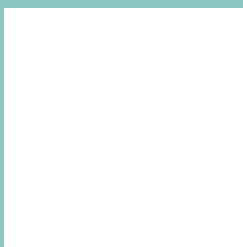
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.9619, 49.1415, 57.2482

Background



This preview shows how black text looks on a background with the XYZ color 39.9619, 49.1415, 57.2482.

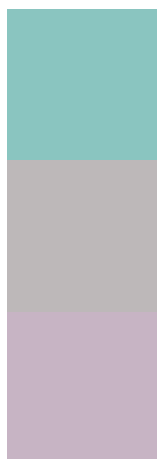


This preview shows how white text looks on a background with the XYZ color 39.9619, 49.1415,

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

39.9619, 49.1415, 57.2482

Protanopia

46.8837, 48.6026, 52.8091

Deuteranopia

49.8383, 48.7702, 59.0114



Tritanopia

42.0800, 48.9875, 68.2105

Trichromacy



Original Color

39.9619, 49.1415, 57.2482

Protanomaly

43.8523, 48.5721, 54.6410

Deuteranomaly

45.5407, 48.4051, 58.5726

Tritanomaly

41.2791, 49.0047, 63.7831

Monochromacy



Original Color

39.9619, 49.1415, 57.2482

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

41.5205, 46.4710, 52.1288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9619, 49.1415, 57.2482 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, 197, 192)` looks like.

```
.text, #text, p{  
    color:rgb(138, 197, 192)  
}
```

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, 197, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 197, 192) }
```

Border

The CSS property to change the border of an element to XYZ 39.9619, 49.1415, 57.2482 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, 197, 192) }
```


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

```
.border{ border-color:rgb(138, 197, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 197, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 197, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 197, 192);  
box-shadow:4px 4px 4px 4px rgb(138, 197,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9619, 49.1415, 57.2482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 197, 192) }
```

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

```
.background{ background-color: rgb(138,  
197, 192) }
```

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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