

Converting Colors

XYZ(39.4208, 49.6612, 57.3277)

Have a look what the booklet for
XYZ(39.4208, 49.6612, 57.3277)
contains.

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Color

**XYZ(39.2979, 49.4779,
57.3481)**

Conversions

Conversions Part 1

Format	Color
Hex	83C7C0
RGB	131, 199, 192
RGB Percent	51%, 78%, 75%
CMY	0.4863, 0.2196, 0.2471
CMYK	0.34, 0.00, 0.04, 0.22
HSL	174°, 38%, 65%
HSV	174°, 34%, 78%
XYZ	39.2979, 49.4779, 57.3481
YIQ	177.8700, -38.2810, -16.5930

Conversions

Conversions Part 2

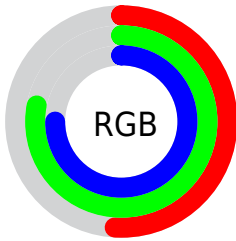
Format	Color
RYB	131, 167, 199
Decimal	8636352
CIELab	75.75, -22.97, -3.33
CIElCh	76, 23.215, 188.249
Yxy	49.4779, 0.2689, 0.3386
Android (android.graphics.Color)	4286826432 (0xFF83C7C0)
YUV	177.8700, 6.9661, -41.1050
Hunter-Lab	70.3405, -23.3714, 0.8997

Details

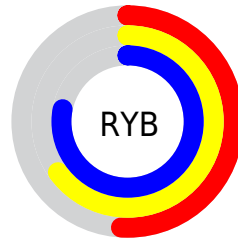
The XYZ color **39.2979, 49.4779, 57.3481** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.2586, 30.2111, 27.9669**, and the grayscale version is **42.2282, 44.4273, 48.3814**.

A 20% lighter version of the original color is **72.9530, 88.7364, 102.0897**, and **17.9275, 23.7346, 28.0625** is the 20% darker color. If you saturate the color by 10%, you get **36.2817, 47.9503, 56.0309**, and if you desaturate by 10%, it is **42.9121, 51.3159, 58.7120**.

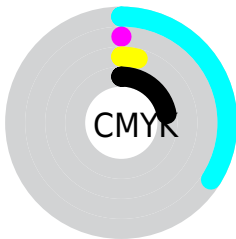
Distribution



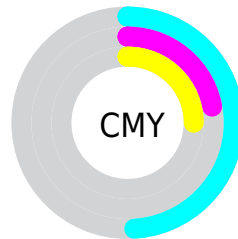
- Red (51%)
- Green (78%)
- Blue (75%)



- Red (51%)
- Yellow (65%)
- Blue (78%)



- Cyan (34%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)



- Cyan (49%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2979, 49.4779, 57.3481 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 39.2979, 49.4779, 57.3481 by changing the saturation by 10% instead.

■ 39.2979, 49.4779,
57.3481

■ 39.2979, 49.4779,
57.3481

334.3408,
384.6207, 432.2826

■ 27.1733, 34.9987,
40.8736

■ 73.3843, 89.4008,
102.4783

■ 17.8407, 23.6619,
27.9013

■ 96.0769, 115.6134,
131.9711

■ 10.9347, 15.0830,
18.0129

■ 123.0229,
146.5058, 166.6403

■ 6.0899, 8.8777,
10.7897

154.5876,
182.4626, 206.9045

■ 2.9410, 4.6615,
5.8132

191.1364,
223.8681, 253.1824

■ 1.1226, 2.0500,
2.6649

233.0346,

■ 0.0439, 0.6363,

271.1067, 305.8923

0.9257

280.6476,
324.5627, 365.4529

■ 0.0000, 0.0000,
0.0000

■ 39.2979, 49.4779,
57.3481

■ 39.2979, 49.4779,
57.3481

■ 36.2817, 47.9503,
56.0309

■ 42.9121, 51.3159,
58.7120

■ 33.8252, 46.7096,
54.7552

■ 47.1512, 53.4745,
60.1206

■ 31.8924, 45.7385,
53.5204

■ 52.0459, 55.9706,
61.5765

■ 30.4411, 45.0153,
52.3244

■ 57.6235, 58.8184,
63.0811

■ 29.4228, 44.5150,
51.1650

■ 63.9096, 62.0311,
64.6357

■ 28.7787, 44.2072,
50.0392

■ 70.9286, 65.6213,
66.2413

■ 28.5116, 44.0835,
49.3955

■ 72.8469, 66.5816,
67.6252

■ 73.0981, 66.6821,
68.9479

■ 73.3526, 66.7839,
70.2879

Harmonies

Analogous

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



39.7467, 49.4779, 45.5526



39.2979, 49.4779, 57.3481



40.8184, 49.4779, 69.9314

Triad

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



39.2979, 49.4779, 57.3481



52.3430, 49.4779, 74.7297



50.1637, 49.4779, 34.7093

Complementary

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



39.2979, 49.4779, 57.3481



36.2586, 30.2111, 27.9669

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.



53.8358, 49.4779, 40.4829



39.2979, 49.4779, 57.3481



55.1466, 49.4779, 63.1495

Square

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



39.2979, 49.4779, 57.3481



48.2255, 49.4779, 80.9210



55.7090, 49.4779, 50.5412



45.8490, 49.4779, 33.6437

Rectangle

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



39.2979, 49.4779, 57.3481



42.8022, 49.4779, 76.6639



55.7090, 49.4779, 50.5412



51.5216, 49.4779, 36.1161

Sweetspot

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



39.2993, 49.4799, 57.3492



85.8629, 95.3124, 106.2783



35.1580, 47.9708, 28.8799



18.1227, 20.2705, 22.6706



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.



39.2993, 49.4799, 57.3492



64.7854, 84.5927, 98.6879



34.6011, 38.8120, 59.7029



10.8978, 12.0480, 13.4121



18.3518, 28.3531, 31.8608



0.8829, 1.3481, 1.5819

Inverse Universe

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



36.2586, 30.2111, 27.9669



58.6704, 45.7974, 39.5657



39.7199, 37.9189, 26.6993



10.6775, 10.6544, 11.2851



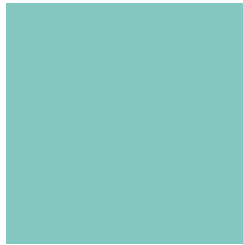
15.2449, 7.8475, 1.2336



0.7373, 0.3777, 0.1396

Previews

White Background



This preview shows how the XYZ color 39.2979, 49.4779, 57.3481 looks on a white background.

Color Contrast Check

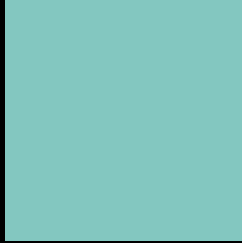
Large Text (above 18pt) WCAG AA × Fail

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 39.2979, 49.4779, 57.3481 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

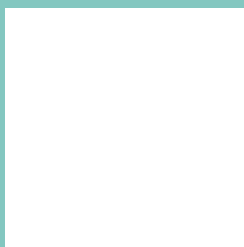
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.2979, 49.4779, 57.3481

Background



This preview shows how black text looks on a background with the XYZ color 39.2979, 49.4779, 57.3481.

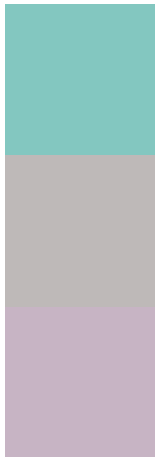


This preview shows how white text looks on a background with the XYZ color 39.2979, 49.4779,

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

39.2979, 49.4779, 57.3481

Protanopia

47.2359, 49.1058, 52.3362

Deuteranopia

49.8383, 48.7702, 59.0114



Tritanopia

41.7769, 49.4676, 69.6337

Trichromacy



Original Color

39.2979, 49.4779, 57.3481

Protanomaly

43.7453, 48.8498, 54.1370

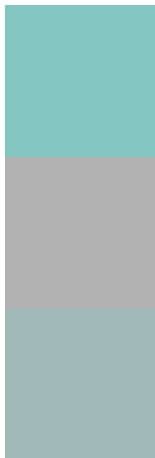
Deuteranomaly

45.0762, 48.4794, 58.6115

Tritanomaly

40.8172, 49.4086, 65.1431

Monochromacy



Original Color

39.2979, 49.4779, 57.3481

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

40.8041, 46.1138, 51.5500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2979, 49.4779, 57.3481 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(131, 199, 192)` looks like.

```
.text, #text, p{  
    color:rgb(131, 199, 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(131, 199, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 199, 192) }
```

Border

The CSS property to change the border of an element to XYZ 39.2979, 49.4779, 57.3481 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(131, 199, 192) }
```


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

```
.border{ border-color:rgb(131, 199, 192) }
```

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

Here you see how a box with a 4 pixel rgb(131, 199, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 199, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 199, 192);  
box-shadow:4px 4px 4px 4px rgb(131, 199,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2979, 49.4779, 57.3481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 199, 192) }
```

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

```
.background{ background-color: rgb(131,  
199, 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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