

Converting Colors

XYZ(39.4813, 50.7017, 63.0975)

Have a look what the booklet for
XYZ(39.4813, 50.7017, 63.0975)
contains.

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Color

**XYZ(39.5063, 50.8509,
62.9913)**

Conversions

Conversions Part 1

Format	Color
Hex	77CBC9
RGB	119, 203, 201
RGB Percent	47%, 80%, 79%
CMY	0.5333, 0.2039, 0.2118
CMYK	0.41, 0.00, 0.01, 0.20
HSL	179°, 45%, 63%
HSV	179°, 41%, 80%
XYZ	39.5063, 50.8509, 62.9913
YIQ	177.6560, -49.4220, -18.4300

Conversions

Conversions Part 2

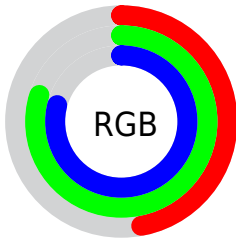
Format	Color
RYB	119, 162, 203
Decimal	7850953
CIELab	76.59, -25.94, -7.01
CIELCh	77, 26.874, 195.129
Yxy	50.8509, 0.2576, 0.3316
Android (android.graphics.Color)	4286041033 (0xFF77CBC9)
YUV	177.6560, 11.5086, -51.4413
Hunter-Lab	71.3098, -25.9015, -2.4568

Details

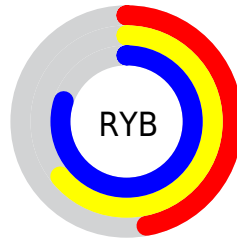
The XYZ color **39.5063, 50.8509, 62.9913** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **34.6784, 27.2721, 21.5273**, and the grayscale version is **42.0963, 44.2886, 48.2303**.

A 20% lighter version of the original color is **71.4892, 87.8540, 107.7974**, and **18.0005, 24.6256, 31.4083** is the 20% darker color. If you saturate the color by 10%, you get **36.9559, 49.5439, 62.5763**, and if you desaturate by 10%, it is **42.6549, 52.4687, 63.4374**.

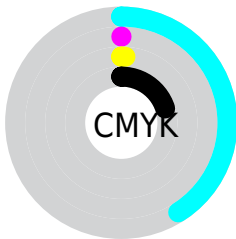
Distribution



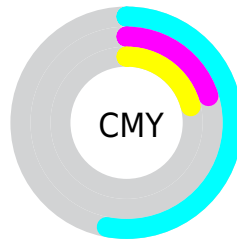
- Red (47%)
- Green (80%)
- Blue (79%)



- Red (47%)
- Yellow (64%)
- Blue (80%)



- Cyan (41%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)



- Cyan (53%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5063, 50.8509, 62.9913 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 39.5063, 50.8509, 62.9913 by changing the saturation by 10% instead.


 39.5063, 50.8509,
62.9913


 39.5063, 50.8509,
62.9913


335.2085,
389.9842, 453.6450


 27.3363, 36.0900,
45.3932


 73.7003, 91.4343,
110.7424

 17.9639, 24.5037,
31.4221


 96.4550, 118.0256,
141.7325

 11.0236, 15.7077,
20.6593

 123.4686,
149.3292, 178.0237

 6.1501, 9.3175,
12.6864

155.1066,
185.7293, 220.0346

 2.9781, 4.9489,
7.0848

191.7342,
227.6105, 268.1836

 1.1422, 2.2173,
3.4359

233.7168,

 0.0600, 0.7294,

275.3571, 322.8893

1.3213

281.4198,
329.3536, 384.5702

■ 0.0000, 0.0000,
0.0791

■ 0.0000, 0.0000,
0.0000

■ 39.5063, 50.8509,
62.9913

■ 39.5063, 50.8509,
62.9913

■ 36.9559, 49.5439,
62.5763

■ 42.6549, 52.4687,
63.4374

■ 34.9610, 48.5221,
62.1872


■ 46.4320, 54.4093,
63.9128


■ 33.4804, 47.7653,
61.8231


■ 50.8714, 56.6912,
64.4201


■ 32.4653, 47.2485,
61.4816


■ 56.0030, 59.3300,
64.9607


 31.8573, 46.9416,
61.1602


 61.8549, 62.3401,
65.5360

 31.5689, 46.7984,
60.8949

 68.4538, 65.7353,
66.1471

 73.5426, 68.3519,
66.6886

 73.6009, 68.3752,
66.9955

 73.6593, 68.3986,
67.3035

Harmonies

Analogous

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



39.4964, 50.8509, 48.4970



39.5063, 50.8509, 62.9913



41.7658, 50.8509, 77.6433

Triad

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



39.5063, 50.8509, 62.9913



55.5872, 50.8509, 77.5320



50.8817, 50.8509, 32.5007

Complementary

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



39.5063, 50.8509, 62.9913



34.6784, 27.2721, 21.5273

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.



55.5532, 50.8509, 37.8212



39.5063, 50.8509, 62.9913



58.3965, 50.8509, 62.8591

Square

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



39.5063, 50.8509, 62.9913



50.9255, 50.8509, 86.9859



58.3836, 50.8509, 48.3860



45.8285, 50.8509, 32.5235

Rectangle

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



39.5063, 50.8509, 62.9913



44.3410, 50.8509, 84.8092



58.3836, 50.8509, 48.3860



52.5561, 50.8509, 33.6761

Sweetspot

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



39.5078, 50.8529, 62.9925



84.5574, 94.6044, 107.7971



32.6850, 48.1688, 25.0287



17.8767, 20.1351, 23.0484



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.



39.5078, 50.8529, 62.9925



62.1515, 83.0963, 104.8263



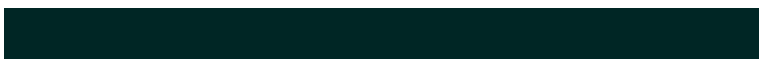
31.6285, 34.7148, 61.5358



11.5313, 12.7223, 14.3551



20.0945, 29.7831, 38.7784



1.0404, 1.5380, 2.0203

Inverse Universe

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



34.6784, 27.2721, 21.5273



52.9597, 38.1944, 25.8903



40.2212, 38.5522, 22.7753



11.2230, 11.2179, 11.7089



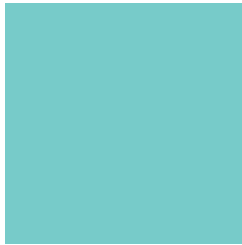
15.6952, 8.0887, 0.8475



0.8136, 0.4188, 0.0641

Previews

White Background



This preview shows how the XYZ color 39.5063, 50.8509, 62.9913 looks on a white background.

Color Contrast Check

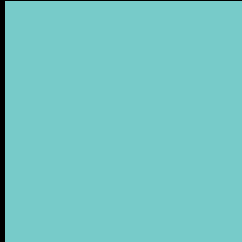
Large Text (above 18pt) WCAG AA × Fail

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 39.5063, 50.8509, 62.9913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

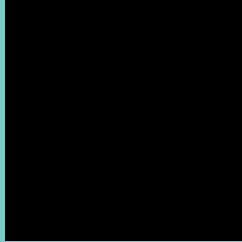
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.5063, 50.8509, 62.9913

Background



This preview shows how black text looks on a background with the XYZ color 39.5063, 50.8509, 62.9913.

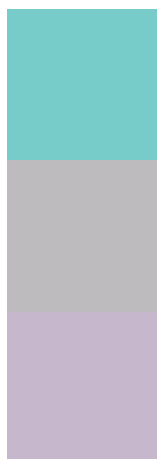


This preview shows how white text looks on a background with the XYZ color 39.5063, 50.8509,

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

39.5063, 50.8509, 62.9913

Protanopia

48.4095, 50.2494, 56.4379

Deuteranopia

51.2416, 50.2805, 64.7620



Tritanopia

41.5794, 50.9940, 73.2970

Trichromacy



Original Color

39.5063, 50.8509, 62.9913

Protanomaly

44.2301, 49.9726, 58.9443

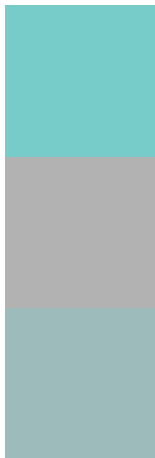
Deuteranomaly

45.6747, 49.6216, 64.2973

Tritanomaly

40.9044, 51.0818, 69.3319

Monochromacy



Original Color

39.5063, 50.8509, 62.9913

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

40.5379, 46.2539, 53.2457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5063, 50.8509, 62.9913 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(119, 203, 201)` looks like.

```
.text, #text, p{  
    color:rgb(119, 203, 201)  
}
```

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(119, 203, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 203, 201) }
```

Border

The CSS property to change the border of an element to XYZ 39.5063, 50.8509, 62.9913 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(119, 203, 201) }
```


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

```
.border{ border-color:rgb(119, 203, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 203, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 203, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 203, 201);  
box-shadow:4px 4px 4px 4px rgb(119, 203,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5063, 50.8509, 62.9913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 203, 201) }
```

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

```
.background{ background-color: rgb(119,  
203, 201) }
```

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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