

Converting Colors

XYZ(52.3983, 59.9048, 67.6027)

Have a look what the booklet for
XYZ(52.3983, 59.9048, 67.6027)
contains.

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Color

**XYZ(52.4405, 59.9453,
67.8382)**

Conversions

Conversions Part 1

Format	Color
Hex	B1D2CF
RGB	177, 210, 207
RGB Percent	69%, 82%, 81%
CMY	0.3059, 0.1765, 0.1882
CMYK	0.16, 0.00, 0.01, 0.18
HSL	175°, 27%, 76%
HSV	175°, 16%, 82%
XYZ	52.4405, 59.9453, 67.8382
YIQ	199.7910, -18.7050, -7.9290

Conversions

Conversions Part 2

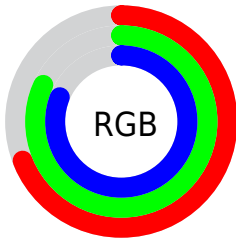
Format	Color
RYB	177, 194, 210
Decimal	11653839
CIELab	81.81, -11.50, -2.18
CIELCh	82, 11.703, 190.751
Yxy	59.9453, 0.2910, 0.3326
Android (android.graphics.Color)	4289843919 (0xFFB1D2CF)
YUV	199.7910, 3.5540, -19.9877
Hunter-Lab	77.4244, -14.5923, 2.2479

Details

The XYZ color **52.4405, 59.9453, 67.8382** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.5408, 48.4427, 49.8691**, and the grayscale version is **54.7596, 57.6113, 62.7388**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **25.7833, 30.0277, 34.5740** is the 20% darker color. If you saturate the color by 10%, you get **47.7886, 57.5756, 66.4095**, and if you desaturate by 10%, it is **57.8347, 62.7006, 69.3190**.

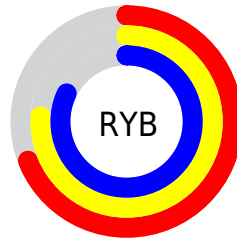
Distribution



Red (69%)

Green (82%)

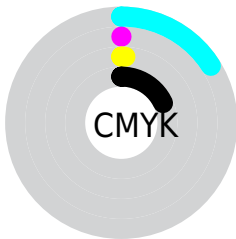
Blue (81%)



Red (69%)

Yellow (76%)

Blue (82%)

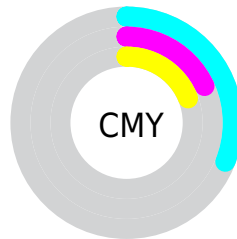


Cyan (16%)

Magenta (0%)

Yellow (1%)

Black (18%)



Cyan (31%)

Magenta (18%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4405, 59.9453, 67.8382 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 52.4405, 59.9453, 67.8382 by changing the saturation by 10% instead.

■ 52.4405, 59.9453,
67.8382

■ 52.4405, 59.9453,
67.8382

386.4309,
424.3961, 471.5050

■ 37.5820, 43.3745,
49.3002

■ 92.9509, 104.7503,
117.7727

■ 25.8342, 30.1791,
34.4904

119.3336,
133.7534, 150.0063

■ 16.8316, 19.9746,
22.9902

150.2883,
167.6693, 187.6422

■ 10.2091, 12.3766,
14.3810

186.1805,
206.8825, 231.0989

■ 5.6011, 7.0007,
8.2444

227.3755,
251.7774, 280.7950

■ 2.6424, 3.4625,
4.1617

274.2387,

■ 0.9676, 1.3777,

302.7384, 337.1490

1.7145

327.1354,
360.1498, 400.5795

■ 0.0000, 0.2002,
0.3706

■ 0.0000, 0.0000,
0.0000

■ 52.4405, 59.9453,
67.8382

■ 52.4405, 59.9453,
67.8382

■ 47.7886, 57.5756,
66.4095

■ 57.8347, 62.7006,
69.3190

■ 43.8404, 55.5667,
65.0271

■ 63.9976, 65.8502,
70.8492

■ 40.5615, 53.9026,
63.6908

■ 70.9604, 69.4118,
72.4318

■ 37.9123, 52.5627,
62.3985

■ 76.5079, 72.2435,
73.9630

■ 35.8495, 51.5249,
61.1482

■ 76.7544, 72.3421,
75.2612

■ 34.3240, 50.7636,
59.9376

■ 77.0038, 72.4418,
76.5745

■ 33.2787, 50.2496,
58.7639

■ 77.2561, 72.5427,
77.9029

■ 32.6432, 49.9466,
57.6237

■ 77.5112, 72.6448,
79.2467

■ 32.4402, 49.8524,
57.1429

■ 77.7693, 72.7481,
80.6057

Harmonies

Analogous

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



52.6129, 59.9453, 60.8920



52.4405, 59.9453, 67.8382



53.4567, 59.9453, 74.5489

Triad

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



52.4405, 59.9453, 67.8382



60.1301, 59.9453, 76.1155



58.5549, 59.9453, 53.2629

Complementary

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



52.4405, 59.9453, 67.8382



50.5408, 48.4427, 49.8691

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.



60.6469, 59.9453, 56.7953



52.4405, 59.9453, 67.8382



61.5744, 59.9453, 69.8535

Square

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



52.4405, 59.9453, 67.8382



57.8659, 59.9453, 79.5519



61.7662, 59.9453, 62.7679



56.0956, 59.9453, 52.8091

Rectangle

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



52.4405, 59.9453, 67.8382



54.6891, 59.9453, 77.8594



61.7662, 59.9453, 62.7679



59.3262, 59.9453, 54.1170

Sweetspot

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



52.4422, 59.9478, 67.8395



90.3276, 97.5870, 107.7069



49.8765, 59.0094, 50.3570



19.1970, 20.8178, 23.0182



0.0000, 0.0000, 0.0000



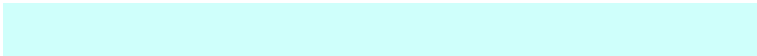
20.3446, 21.4041, 23.3091

Same Dimension

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



52.4422, 59.9478, 67.8395



78.7148, 91.6600, 104.4729



49.6869, 53.8439, 68.7499



12.1101, 13.3878, 14.9359



19.8067, 30.4156, 34.9579



1.1213, 1.7062, 2.0277

Inverse Universe

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



50.5408, 48.4427, 49.8691



75.1966, 70.3690, 71.2200



52.9730, 53.7915, 49.1867



11.8518, 11.8255, 12.4954



16.3009, 8.3932, 1.2247



0.9268, 0.4755, 0.1495

Previews

White Background



This preview shows how the XYZ color 52.4405, 59.9453, 67.8382 looks on a white background.

Color Contrast Check

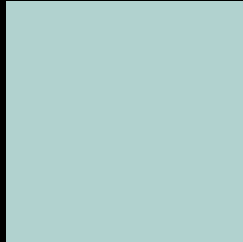
Large Text (above 18pt) WCAG AA × Fail

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 52.4405, 59.9453, 67.8382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

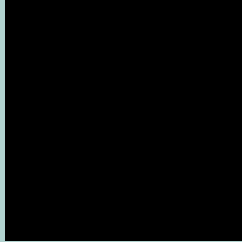
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4405, 59.9453, 67.8382

Background



This preview shows how black text looks on a background with the XYZ color 52.4405, 59.9453, 67.8382.

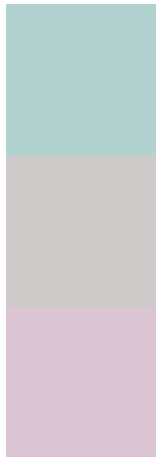


This preview shows how white text looks on a background with the XYZ color 52.4405, 59.9453,

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

52.4405, 59.9453, 67.8382

Protanopia

57.5133, 59.7707, 64.3827

Deuteranopia

60.8125, 59.6457, 69.2804



Tritanopia

54.5898, 59.7108, 79.1692

Trichromacy



Original Color

52.4405, 59.9453, 67.8382

Protanomaly

55.4954, 59.7580, 65.7363

Deuteranomaly

57.5310, 59.6819, 68.8091

Tritanomaly

53.8012, 59.7574, 75.0284

Monochromacy



Original Color

52.4405, 59.9453, 67.8382

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.1106, 58.7040, 64.9790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4405, 59.9453, 67.8382 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(177, 210, 207)` looks like.

```
.text, #text, p{  
    color:rgb(177, 210, 207)  
}
```

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(177, 210, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 210, 207) }
```

Border

The CSS property to change the border of an element to XYZ 52.4405, 59.9453, 67.8382 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(177, 210, 207) }
```


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

```
.border{ border-color:rgb(177, 210, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 210, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 210, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 210, 207);  
box-shadow:4px 4px 4px 4px rgb(177, 210,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4405, 59.9453, 67.8382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 210, 207) }
```

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

```
.background{ background-color: rgb(177,  
210, 207) }
```

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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