

Converting Colors

XYZ(48.6679, 64.0658, 59.0571)

Have a look what the booklet for
XYZ(48.6679, 64.0658, 59.0571)
contains.

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Color

**XYZ(48.5419, 63.9079,
59.0672)**

Conversions

Conversions Part 1

Format	Color
Hex	94E1BF
RGB	148, 225, 191
RGB Percent	58%, 88%, 75%
CMY	0.4196, 0.1176, 0.2510
CMYK	0.34, 0.00, 0.15, 0.12
HSL	154°, 56%, 73%
HSV	154°, 34%, 88%
XYZ	48.5419, 63.9079, 59.0672
YIQ	198.1010, -34.9780, -26.8980

Conversions

Conversions Part 2

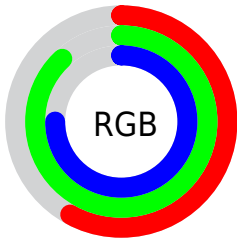
Format	Color
RYB	148, 197, 225
Decimal	9757119
CIELab	83.92, -31.02, 9.16
CIELCh	84, 32.339, 163.550
Yxy	63.9079, 0.2830, 0.3726
Android (android.graphics.Color)	4287947199 (0xFF94E1BF)
YUV	198.1010, -3.5008, -43.9386
Hunter-Lab	79.9424, -31.5121, 12.1520

Details

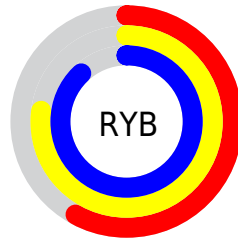
The XYZ color **48.5419, 63.9079, 59.0672** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **50.0869, 40.5663, 49.4487**, and the grayscale version is **53.7751, 56.5756, 61.6109**.

A 20% lighter version of the original color is **77.4503, 91.0728, 101.4924**, and **23.3915, 32.5906, 29.1025** is the 20% darker color. If you saturate the color by 10%, you get **43.8045, 61.5895, 53.3308**, and if you desaturate by 10%, it is **54.1481, 66.6690, 65.2343**.

Distribution



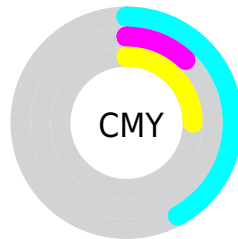
- Red (58%)
- Green (88%)
- Blue (75%)



- Red (58%)
- Yellow (77%)
- Blue (88%)



- Cyan (34%)
- Magenta (0%)
- Yellow (15%)
- Black (12%)





- Cyan (42%)
- Magenta (12%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.5419, 63.9079, 59.0672 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 48.5419, 63.9079, 59.0672 by changing the saturation by 10% instead.


 48.5419, 63.9079,
59.0672


 48.5419, 63.9079,
59.0672


371.4830,
438.8570, 438.8597

 34.4693, 46.5761,
42.2468


 87.2155, 110.4783,
105.0054

 23.4189, 32.7007,
28.9676


 112.5472,
140.4856, 134.9603

 15.0255, 21.8972,
18.8110


142.3626,
175.4870, 170.1306

 8.9237, 13.7814,
11.3583

177.0271,
215.8667, 210.9346

 4.7482, 7.9688,
6.1912

216.9060,
262.0091, 257.7910

 2.1335, 4.0750,
2.8910

262.3648,

 0.7073, 1.7156,

314.2987, 311.1183

1.0393

313.7686,
373.1199, 371.3350

■ 0.0000, 0.4337,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.5419, 63.9079,
59.0672

■ 48.5419, 63.9079,
59.0672

■ 43.8045, 61.5895,
53.3308

■ 54.1481, 66.6690,
65.2343

■ 39.8832, 59.6816,
48.0109

■ 60.6614, 69.8874,
71.8371

■ 36.7273, 58.1602,
43.0985

■ 68.1245, 73.5864,
78.8863

■ 34.2783, 56.9951,
38.5830

■ 76.5753, 77.7857,
86.3905

■ 32.4684, 56.1516,
34.4526

■ 83.9958, 81.4445,
94.2623

■ 31.2154, 55.5875,
30.6949

■ 85.5185, 82.0536,
102.2804

■ 30.6695, 55.3500,
28.6866

■ 86.2164, 82.3328,
105.9555

Harmonies

Analogous

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



51.7944, 63.9079, 44.8718



48.5419, 63.9079, 59.0672



48.3877, 63.9079, 79.1758

Triad

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



48.5419, 63.9079, 59.0672



64.0051, 63.9079, 115.0568



71.2092, 63.9079, 45.9268

Complementary

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



48.5419, 63.9079, 59.0672



50.0869, 40.5663, 49.4487

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.



75.0394, 63.9079, 60.8014



48.5419, 63.9079, 59.0672



70.6661, 63.9079, 102.0263

Square

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



48.5419, 63.9079, 59.0672



56.9496, 63.9079, 114.3405



74.8333, 63.9079, 81.2823



64.7003, 63.9079, 38.3618

Rectangle

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



48.5419, 63.9079, 59.0672



50.0377, 63.9079, 93.5668



74.8333, 63.9079, 81.2823



72.8746, 63.9079, 50.0966

Sweetspot

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



48.5437, 63.9105, 59.0686



84.5225, 94.7762, 99.2197



51.7179, 66.0157, 38.0343



17.7972, 20.1403, 20.9564



0.0000, 0.0000, 0.0000



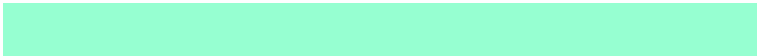
20.3446, 21.4041, 23.3091

Same Dimension

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



48.5437, 63.9105, 59.0686



59.9086, 82.6420, 73.0071



51.7015, 63.5269, 80.7742



13.8476, 15.4648, 16.2329



17.7322, 31.9177, 16.8444



1.2739, 2.2303, 1.4036

Inverse Universe

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



50.0869, 40.5663, 49.4487



62.2525, 47.2303, 58.4289



47.6024, 40.5550, 33.3368



13.9574, 13.8006, 15.5460



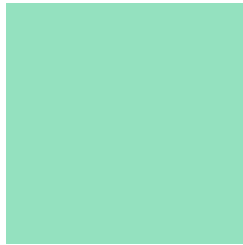
19.2575, 9.7700, 8.0215



1.3793, 0.6950, 0.7902

Previews

White Background



This preview shows how the XYZ color 48.5419, 63.9079, 59.0672 looks on a white background.

Color Contrast Check

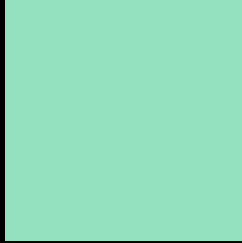
Large Text (above 18pt) WCAG AA × Fail

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 48.5419, 63.9079, 59.0672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

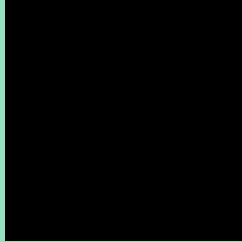
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

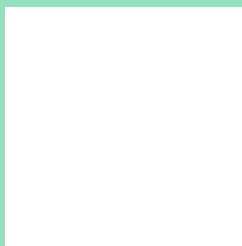
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.5419, 63.9079, 59.0672

Background



This preview shows how black text looks on a background with the XYZ color 48.5419, 63.9079, 59.0672.



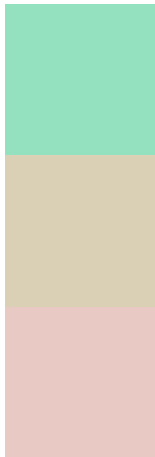
This preview shows how white text looks on a background with the XYZ color 48.5419, 63.9079,

59.0672.

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

48.5419, 63.9079, 59.0672

Protanopia

59.9128, 63.3946, 53.3346

Deuteranopia

64.4547, 63.0824, 61.0036



Tritanopia

54.5724, 63.9883, 88.8316

Trichromacy



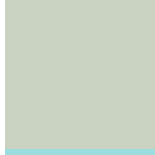
Original Color

48.5419, 63.9079, 59.0672



Protanomaly

54.7958, 62.9334, 55.1582



Deuteranomaly

57.1413, 62.5448, 60.0996



Tritanomaly

52.1011, 63.7502, 77.2692

Monochromacy



Original Color

48.5419, 63.9079, 59.0672



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

51.2286, 58.7552, 60.2706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5419, 63.9079, 59.0672 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(148, 225, 191)` looks like.

```
.text, #text, p{  
    color:rgb(148, 225, 191)  
}
```

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(148, 225, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 225, 191) }
```

Border

The CSS property to change the border of an element to XYZ 48.5419, 63.9079, 59.0672 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(148, 225, 191) }
```


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

```
.border{ border-color:rgb(148, 225, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 225, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 225, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 225, 191);  
box-shadow:4px 4px 4px 4px rgb(148, 225,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5419, 63.9079, 59.0672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 225, 191) }
```

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

```
.background{ background-color: rgb(148,  
225, 191) }
```

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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