

Converting Colors

XYZ(59.9999, 69.0049, 79.6115)

Have a look what the booklet for
XYZ(59.9999, 69.0049, 79.6115)
contains.

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Color

**XYZ(59.8481, 68.8995,
79.2519)**

Conversions

Conversions Part 1

Format	Color
Hex	B9E0DE
RGB	185, 224, 222
RGB Percent	73%, 88%, 87%
CMY	0.2745, 0.1216, 0.1294
CMYK	0.17, 0.00, 0.01, 0.12
HSL	177°, 39%, 80%
HSV	177°, 17%, 88%
XYZ	59.8481, 68.8995, 79.2519
YIQ	212.1110, -22.6020, -8.8900

Conversions

Conversions Part 2

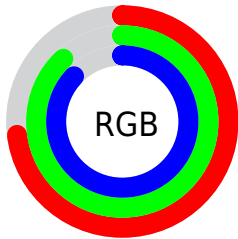
Format	Color
RYB	185, 205, 224
Decimal	12181726
CIELab	86.45, -13.06, -3.26
CIELCh	86, 13.459, 194.023
Yxy	68.8995, 0.2877, 0.3312
Android (android.graphics.Color)	4290371806 (0xFFB9E0DE)
YUV	212.1110, 4.8753, -23.7763
Hunter-Lab	83.0057, -16.5594, 1.4953

Details

The XYZ color **59.8481, 68.8995, 79.2519** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.0616, 54.1351, 54.4583**, and the grayscale version is **62.6341, 65.8959, 71.7607**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **30.5231, 35.9912, 41.8975** is the 20% darker color. If you saturate the color by 10%, you get **54.7111, 66.2709, 78.2108**, and if you desaturate by 10%, it is **65.8415, 71.9732, 80.3415**.

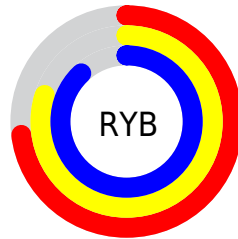
Distribution



Red (73%)

Green (88%)

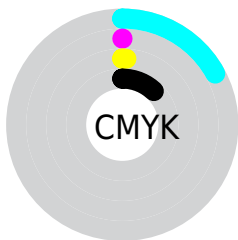
Blue (87%)



Red (73%)

Yellow (80%)

Blue (88%)

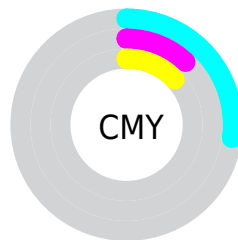


Cyan (17%)

Magenta (0%)

Yellow (1%)

Black (12%)



Cyan (27%)

Magenta (12%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8481, 68.8995, 79.2519 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 59.8481, 68.8995, 79.2519 by changing the saturation by 10% instead.

■ 59.8481, 68.8995,
79.2519

■ 59.8481, 68.8995,
79.2519

413.8814,
456.6764, 512.0482

■ 43.5452, 50.6299,
58.5804

■ 103.7169,
117.6380, 134.1153

■ 30.5095, 35.9141,
41.8576

132.0135,
148.8757, 169.1443

■ 20.3756, 24.3679,
28.6651

165.0387,
185.2048, 209.7962

■ 12.7782, 15.6067,
18.5842

203.1579,
227.0099, 256.4895

■ 7.3520, 9.2463,
11.1965

246.7364,
274.6751, 309.6429

■ 3.7314, 4.9022,
6.0833

296.1396,

■ 1.5514, 2.1900,

328.5850, 369.6747

2.8262

351.7328,
389.1240, 437.0037

■ 0.3604, 0.7145,
1.0066

■ 0.0000, 0.0000,
0.0000

■ 59.8481, 68.8995,
79.2519

■ 59.8481, 68.8995,
79.2519

■ 54.7111, 66.2709,
78.2108

■ 65.8415, 71.9732,
80.3415

■ 50.3848, 64.0582,
77.2116

■ 72.7225, 75.5025,
81.4767

■ 46.8282, 62.2422,
76.2540

■ 80.5281, 79.5082,
82.6607

■ 43.9945, 60.7988,
75.3356

■ 81.7072, 80.0979,
83.5401

■ 41.8316, 59.7010,
74.4540

■ 81.8662, 80.1615,
84.3772

■ 40.2806, 58.9186,
73.6066

■ 82.0263, 80.2255,
85.2200

■ 39.2724, 58.4159,
72.7900

■ 82.1874, 80.2899,
86.0684

■ 38.7142, 58.1451,
71.9998

■ 82.3495, 80.3548,
86.9224

■ 38.6039, 58.0925,
71.7977

■ 82.5128, 80.4201,
87.7820

Harmonies

Analogous

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



59.8979, 68.8995, 70.3983



59.8481, 68.8995, 79.2519



61.2753, 68.8995, 87.5782

Triad

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



59.8481, 68.8995, 79.2519



69.7365, 68.8995, 88.0376



67.1488, 68.8995, 59.7130

Complementary

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



59.8481, 68.8995, 79.2519



57.0616, 54.1351, 54.4583

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.



69.8872, 68.8995, 63.7233



59.8481, 68.8995, 79.2519



71.4132, 68.8995, 79.8394

Square

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



59.8481, 68.8995, 79.2519



66.9484, 68.8995, 92.9160



71.4692, 68.8995, 70.9412



64.0468, 68.8995, 59.5831

Rectangle

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



59.8481, 68.8995, 79.2519



62.8992, 68.8995, 91.5145



71.4692, 68.8995, 70.9412



68.1446, 68.8995, 60.6368

Sweetspot

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



59.8501, 68.9023, 79.2534



90.4086, 97.6194, 108.1335



56.0554, 67.4576, 55.9665



19.2168, 20.8257, 23.1222



0.0000, 0.0000, 0.0000



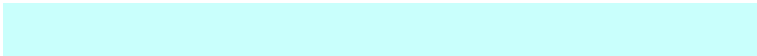
20.3446, 21.4041, 23.3091

Same Dimension

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



59.8501, 68.9023, 79.2534



77.5789, 91.0441, 105.7878



55.8013, 60.3725, 79.2362



14.0846, 15.5596, 17.4806



22.4827, 33.8179, 41.8603



1.5678, 2.3479, 2.9514

Inverse Universe

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



57.0616, 54.1351, 54.4583



73.1548, 67.6126, 66.4474



60.5969, 61.5466, 54.5862



13.7356, 13.7119, 14.3780



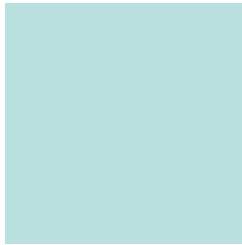
17.9427, 9.2441, 1.0981



1.2539, 0.6448, 0.1298

Previews

White Background



This preview shows how the XYZ color 59.8481, 68.8995, 79.2519 looks on a white background.

Color Contrast Check

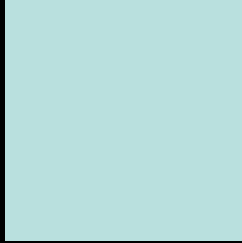
Large Text (above 18pt) WCAG AA × Fail

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 59.8481, 68.8995, 79.2519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

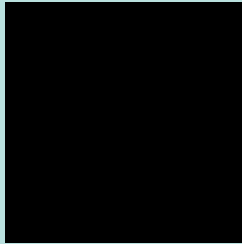
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

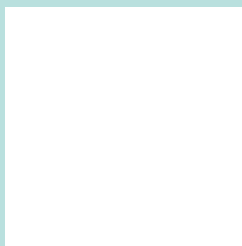
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.8481, 68.8995, 79.2519

Background



This preview shows how black text looks on a background with the XYZ color 59.8481, 68.8995, 79.2519.

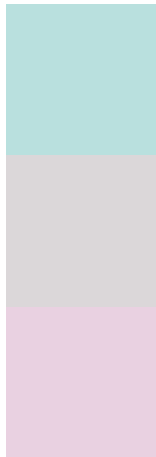


This preview shows how white text looks on a background with the XYZ color 59.8481, 68.8995,

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

59.8481, 68.8995, 79.2519

Protanopia

66.0382, 68.6707, 75.4198

Deuteranopia

69.9953, 68.3608, 80.7400



Tritanopia

62.1755, 68.6363, 91.6325

Trichromacy



Original Color

59.8481, 68.8995, 79.2519

Protanomaly

63.5897, 68.5227, 76.8925

Deuteranomaly

65.8200, 68.0739, 80.1915

Tritanomaly

61.3228, 68.6905, 87.1173

Monochromacy



Original Color

59.8481, 68.8995, 79.2519

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.3077, 66.6262, 74.5946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8481, 68.8995, 79.2519 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(185, 224, 222) looks like.

```
.text, #text, p{  
    color:rgb(185, 224, 222)  
}
```

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(185, 224, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 224, 222) }
```

Border

The CSS property to change the border of an element to XYZ 59.8481, 68.8995, 79.2519 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(185, 224, 222) }
```


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

```
.border{ border-color:rgb(185, 224, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 224, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 224, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 224, 222); box-shadow:4px 4px 4px 4px rgb(185, 224, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8481, 68.8995, 79.2519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 224, 222) }
```

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

```
.background{ background-color: rgb(185,  
224, 222) }
```

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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