

Converting Colors

XYZ(59.6476, 68.2235, 79.5412)

Have a look what the booklet for
XYZ(59.6476, 68.2235, 79.5412)
contains.

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Color

**XYZ(59.7145, 68.4174,
79.8706)**

Conversions

Conversions Part 1

Format	Color
Hex	B9DFDF
RGB	185, 223, 223
RGB Percent	73%, 87%, 87%
CMY	0.2745, 0.1255, 0.1255
CMYK	0.17, 0.00, 0.00, 0.13
HSL	180°, 37%, 80%
HSV	180°, 17%, 87%
XYZ	59.7145, 68.4174, 79.8706
YIQ	211.6380, -22.6480, -8.0560

Conversions

Conversions Part 2

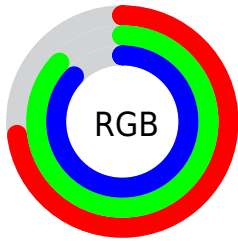
Format	Color
R _Y B	185, 204, 223
Decimal	12181471
CIE Lab	86.21, -12.34, -4.14
CIE LCh	86, 13.020, 198.545
Yxy	68.4174, 0.2871, 0.3289
Android (android.graphics.Color)	4290371551 (0xFFB9DFDF)
YUV	211.6380, 5.6015, -23.3615
Hunter-Lab	82.7148, -15.8860, 0.6491

Details

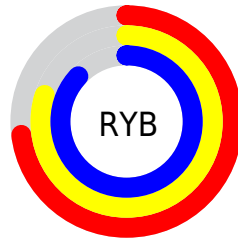
The XYZ color **59.7145, 68.4174, 79.8706** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.5398, 53.8904, 53.3237**, and the grayscale version is **62.3154, 65.5607, 71.3956**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **30.4306, 35.6577, 42.3246** is the 20% darker color. If you saturate the color by 10%, you get **54.7514, 65.8606, 79.6384**, and if you desaturate by 10%, it is **65.5254, 71.4148, 80.1453**.

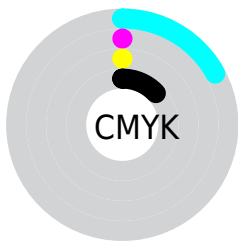
Distribution



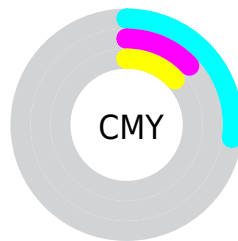
- Red (73%)
- Green (87%)
- Blue (87%)



- Red (73%)
- Yellow (80%)
- Blue (87%)



- Cyan (17%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7145, 68.4174, 79.8706 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 59.7145, 68.4174, 79.8706 by changing the saturation by 10% instead.

■ 59.7145, 68.4174,
79.8706

■ 59.7145, 68.4174,
79.8706

413.3963,
454.9735, 514.1919

■ 43.4371, 50.2374,
59.0863

■ 103.5241,
116.9491, 134.9935

■ 30.4243, 35.6021,
42.2622

131.7871,
148.0695, 170.1693

■ 20.3105, 24.1270,
28.9795

164.7759,
184.2722, 210.9793

■ 12.7305, 15.4279,
18.8199

202.8560,
225.9416, 257.8421

■ 7.3190, 9.1202,
11.3647

246.3928,
273.4620, 311.1762

■ 3.7105, 4.8197,
6.1955

295.7515,

■ 1.5397, 2.1419,

327.2178, 371.4002

2.8936

351.2975,
387.5935, 438.9326

■ 0.3526, 0.6880,
1.0406

■ 0.0000, 0.0000,
0.0000

■ 59.7145, 68.4174,
79.8706

■ 59.7145, 68.4174,
79.8706

■ 54.7514, 65.8606,
79.6384

■ 65.5254, 71.4148,
80.1453

■ 50.5908, 63.7158,
79.4424


■ 72.2148, 74.8633,
80.4597

■ 47.1925, 61.9640,
79.2820


■ 79.8191, 78.7834,
80.8170

■ 44.5103, 60.5812,
79.1551


■ 80.9495, 79.3661,
80.8712

 42.4928, 59.5412,
79.0593


 80.9497, 79.3662,
80.8726


 41.0822, 58.8141,
78.9920


 80.9500, 79.3663,
80.8739


 40.2105, 58.3647,
78.9498

 80.9502, 79.3664,
80.8753

 39.7890, 58.1475,
78.9288

 80.9505, 79.3665,
80.8767

 39.7063, 58.1048,
78.9245

 80.9508, 79.3666,
80.8780

Harmonies

Analogous

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



59.5404, 68.4174, 71.2636



59.7145, 68.4174, 79.8706



61.2861, 68.4174, 87.5675

Triad

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



59.7145, 68.4174, 79.8706



69.4460, 68.4174, 85.9693



66.1804, 68.4174, 59.4560

Complementary

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



59.7145, 68.4174, 79.8706



56.5398, 53.8904, 53.3237

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.



68.9206, 68.4174, 62.7927



59.7145, 68.4174, 79.8706



70.8443, 68.4174, 77.8225

Square

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



59.7145, 68.4174, 79.8706



66.8796, 68.4174, 91.2709



70.6492, 68.4174, 69.3660



63.2123, 68.4174, 59.9119

Rectangle

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



59.7145, 68.4174, 79.8706



62.9426, 68.4174, 90.9429



70.6492, 68.4174, 69.3660



67.1603, 68.4174, 60.1603

Sweetspot

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



59.7165, 68.4202, 79.8721



90.5136, 97.6614, 108.6868



55.3073, 66.6742, 55.8544



19.2425, 20.8359, 23.2573



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.



59.7165, 68.4202, 79.8721



78.7111, 91.5771, 108.1317



55.0725, 59.1315, 78.3263



14.1166, 15.5724, 17.6491



23.3456, 34.1631, 46.4042



1.6182, 2.3680, 3.2166

Inverse Universe

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



56.5398, 53.8904, 53.3237



73.7325, 68.8056, 66.5242



60.6335, 62.0784, 54.6866



13.7073, 13.7006, 14.2290



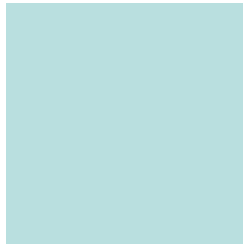
17.8933, 9.2243, 0.8378



1.2403, 0.6394, 0.0582

Previews

White Background



This preview shows how the XYZ color 59.7145, 68.4174, 79.8706 looks on a white background.

Color Contrast Check

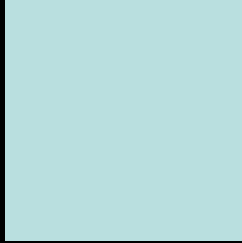
Large Text (above 18pt) WCAG AA × Fail

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 59.7145, 68.4174, 79.8706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

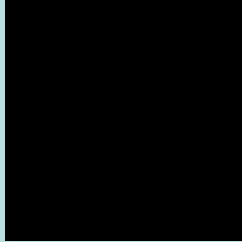
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.7145, 68.4174, 79.8706

Background



This preview shows how black text looks on a background with the XYZ color 59.7145, 68.4174, 79.8706.

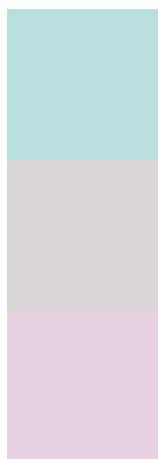


This preview shows how white text looks on a background with the XYZ color 59.7145, 68.4174,

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

59.7145, 68.4174, 79.8706

Protanopia

65.6149, 68.0605, 76.0084

Deuteranopia

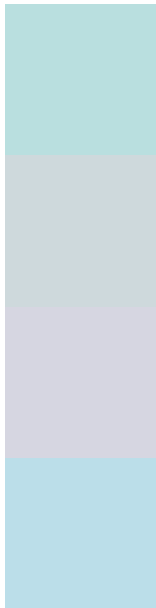
69.4829, 68.0808, 81.4303



Tritanopia

62.0281, 68.5773, 90.8564

Trichromacy



Original Color

59.7145, 68.4174, 79.8706

Protanomaly

63.1847, 67.9148, 77.4888

Deuteranomaly

65.3687, 67.8255, 80.8805

Tritanomaly

61.3228, 68.6905, 87.1173

Monochromacy



Original Color

59.7145, 68.4174, 79.8706

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 59.7145, 68.4174, 79.8706 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, 223, 223)` looks like.

```
.text, #text, p{  
    color:rgb(185, 223, 223)  
}
```

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, 223, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 223, 223) }
```

Border

The CSS property to change the border of an element to XYZ 59.7145, 68.4174, 79.8706 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, 223, 223) }
```


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

```
.border{ border-color:rgb(185, 223, 223) }
```

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

Here you see how a box with a 4 pixel rgb(185, 223, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 223, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 223, 223);  
box-shadow:4px 4px 4px 4px rgb(185, 223,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7145, 68.4174, 79.8706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 223, 223) }
```

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

```
.background{ background-color: rgb(185,  
223, 223) }
```

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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