

Converting Colors

XYZ(59.1178, 67.9871, 79.1816)

Have a look what the booklet for
XYZ(59.1178, 67.9871, 79.1816)
contains.

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Color

**XYZ(59.1009, 68.1166,
79.1401)**

Conversions

Conversions Part 1

Format	Color
Hex	B7DFDE
RGB	183, 223, 222
RGB Percent	72%, 87%, 87%
CMY	0.2823, 0.1255, 0.1294
CMYK	0.18, 0.00, 0.00, 0.13
HSL	178°, 38%, 80%
HSV	178°, 18%, 87%
XYZ	59.1009, 68.1166, 79.1401
YIQ	210.9260, -23.5190, -8.7910

Conversions

Conversions Part 2

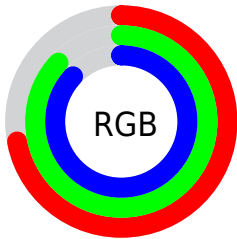
Format	Color
RYB	183, 203, 223
Decimal	12050398
CIELab	86.06, -13.17, -3.85
CIELCh	86, 13.720, 196.288
Yxy	68.1166, 0.2864, 0.3301
Android (android.graphics.Color)	4290240478 (0xFFB7DFDE)
YUV	210.9260, 5.4595, -24.4911
Hunter-Lab	82.5328, -16.6103, 0.9202

Details

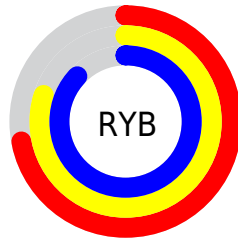
The XYZ color **59.1009, 68.1166, 79.1401** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.0190, 53.0174, 52.6311**, and the grayscale version is **61.8458, 65.0666, 70.8576**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **30.0309, 35.4624, 41.8213** is the 20% darker color. If you saturate the color by 10%, you get **54.1370, 65.5680, 78.5186**, and if you desaturate by 10%, it is **64.9094, 71.1041, 79.8053**.

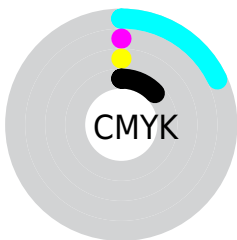
Distribution



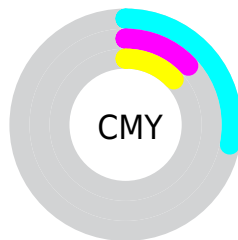
- Red (72%)
- Green (87%)
- Blue (87%)



- Red (72%)
- Yellow (80%)
- Blue (87%)



- Cyan (18%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (28%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1009, 68.1166, 79.1401 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 59.1009, 68.1166, 79.1401 by changing the saturation by 10% instead.

■ 59.1009, 68.1166,
79.1401

■ 59.1009, 68.1166,
79.1401

411.1638,
453.9090, 511.6603

■ 42.9410, 49.9926,
58.4890

■ 102.6381,
116.5189, 133.9565

■ 30.0332, 35.4075,
41.7846

130.7461,
147.5661, 168.9589

■ 20.0120, 23.9770,
28.6084

163.5676,
183.6897, 209.5822

■ 12.5121, 15.3165,
18.5417

201.4678,
225.2742, 256.2449

■ 7.1681, 9.0418,
11.1662

244.8122,
272.7040, 309.3655

■ 3.6147, 4.7685,
6.0631

293.9661,

■ 1.4866, 2.1121,

326.3635, 369.3626

2.8141

349.2948,
386.6370, 436.6547

■ 0.3167, 0.6714,
1.0005

■ 0.0000, 0.0000,
0.0000

■ 59.1009, 68.1166,
79.1401

■ 59.1009, 68.1166,
79.1401

■ 54.1370, 65.5680,
78.5186

■ 64.9094, 71.1041,
79.8053

■ 49.9722, 63.4296,
77.9343


■ 71.5935, 74.5412,
80.5114


■ 46.5660, 61.6823,
77.3868


■ 79.1897, 78.4485,
81.2615


■ 43.8717, 60.3018,
76.8739


■ 81.1159, 79.4326,
81.7475


 41.8375, 59.2617,
76.3932


 81.1920, 79.4631,
82.1482


 40.4048, 58.5317,
75.9420

 81.2683, 79.4936,
82.5503


 39.5045, 58.0760,
75.5169

 81.3449, 79.5243,
82.9537

 39.0396, 57.8448,
75.1136

 81.4218, 79.5550,
83.3584

 38.9670, 57.8091,
75.0316

 81.4989, 79.5858,
83.7644

Harmonies

Analogous

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



59.0346, 68.1166, 70.1309



59.1009, 68.1166, 79.1401



60.6466, 68.1166, 87.4267

Triad

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



59.1009, 68.1166, 79.1401



69.2206, 68.1166, 86.8127



66.1892, 68.1166, 58.5584

Complementary

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



59.1009, 68.1166, 79.1401



56.0190, 53.0174, 52.6311

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.



69.0194, 68.1166, 62.3214



59.1009, 68.1166, 79.1401



70.8076, 68.1166, 78.3559

Square

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



59.1009, 68.1166, 79.1401



66.4566, 68.1166, 92.0960



70.7328, 68.1166, 69.4075



63.0587, 68.1166, 58.7310

Rectangle

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



59.1009, 68.1166, 79.1401



62.3373, 68.1166, 91.2114



70.7328, 68.1166, 69.4075



67.2093, 68.1166, 59.3910

Sweetspot

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



59.1029, 68.1194, 79.1416



90.4624, 97.6409, 108.4168



54.7840, 66.4287, 54.7354



19.2299, 20.8309, 23.1914



0.0000, 0.0000, 0.0000



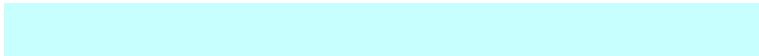
20.3446, 21.4041, 23.3091

Same Dimension

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



59.1029, 68.1194, 79.1416



77.1109, 90.7782, 106.8824



54.5218, 58.7415, 78.2800



14.1010, 15.5661, 17.5669



22.9176, 33.9919, 44.1505



1.5933, 2.3580, 3.0854

Inverse Universe

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



56.0190, 53.0174, 52.6311



72.1017, 66.2453, 63.8183



60.0235, 61.1940, 53.4489



13.7211, 13.7061, 14.3015



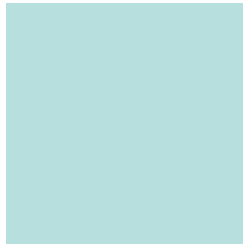
17.9174, 9.2339, 0.9647



1.2469, 0.6420, 0.0931

Previews

White Background



This preview shows how the XYZ color 59.1009, 68.1166, 79.1401 looks on a white background.

Color Contrast Check

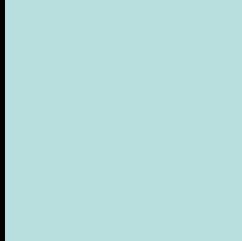
Large Text (above 18pt) WCAG AA × Fail

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 59.1009, 68.1166, 79.1401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

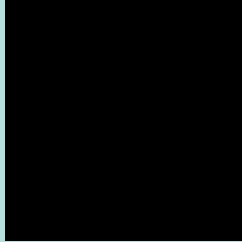
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

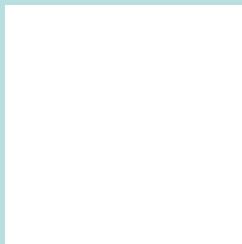
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.1009, 68.1166, 79.1401

Background



This preview shows how black text looks on a background with the XYZ color 59.1009, 68.1166, 79.1401.

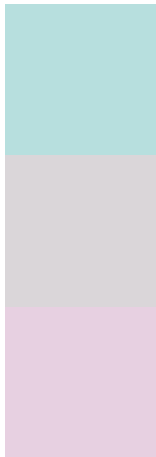


This preview shows how white text looks on a background with the XYZ color 59.1009, 68.1166,

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

59.1009, 68.1166, 79.1401

Protanopia

65.4844, 68.0083, 75.3212

Deuteranopia

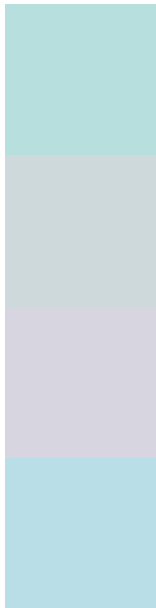
69.1015, 67.5369, 80.6281



Tritanopia

61.5388, 68.3251, 90.8335

Trichromacy



Original Color

59.1009, 68.1166, 79.1401

Protanomaly

62.7759, 67.7193, 76.7803

Deuteranomaly

64.9804, 67.2665, 80.0799

Tritanomaly

60.6943, 68.3830, 86.3442

Monochromacy



Original Color

59.1009, 68.1166, 79.1401

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.6536, 65.9247, 73.8179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1009, 68.1166, 79.1401 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(183, 223, 222)` looks like.

```
.text, #text, p{  
    color:rgb(183, 223, 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(183, 223, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 223, 222) }
```

Border

The CSS property to change the border of an element to XYZ 59.1009, 68.1166, 79.1401 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(183, 223, 222) }
```


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

```
.border{ border-color:rgb(183, 223, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 223, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 223, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 223, 222);  
box-shadow:4px 4px 4px 4px rgb(183, 223,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1009, 68.1166, 79.1401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 223, 222) }
```

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

```
.background{ background-color: rgb(183,  
223, 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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