

Converting Colors

XYZ(59.5092, 67.8527, 78.4217)

Have a look what the booklet for
XYZ(59.5092, 67.8527, 78.4217)
contains.

XYZ(59.6659, 68.0278, 78.3926)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.6659, 68.0278,
78.3926)**

Conversions

Conversions Part 1

Format	Color
Hex	BBDEDD
RGB	187, 222, 221
RGB Percent	73%, 87%, 87%
CMY	0.2667, 0.1294, 0.1333
CMYK	0.16, 0.00, 0.00, 0.13
HSL	178°, 35%, 80%
HSV	178°, 16%, 87%
XYZ	59.6659, 68.0278, 78.3926
YIQ	211.4210, -20.5390, -7.7310

Conversions

Conversions Part 2

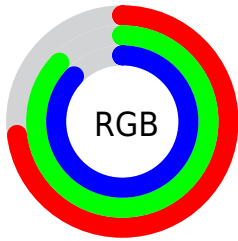
Format	Color
RYB	187, 205, 222
Decimal	12312285
CIELab	86.02, -11.62, -3.36
CIELCh	86, 12.097, 196.109
Yxy	68.0278, 0.2895, 0.3301
Android (android.graphics.Color)	4290502365 (0xFFBBDEDD)
YUV	211.4210, 4.7224, -21.4172
Hunter-Lab	82.4790, -15.2100, 1.3828

Details

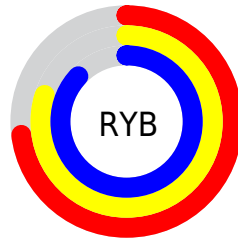
The XYZ color **59.6659, 68.0278, 78.3926** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.9740, 54.7028, 55.1356**, and the grayscale version is **62.1763, 65.4143, 71.2362**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **30.3745, 35.3772, 41.3040** is the 20% darker color. If you saturate the color by 10%, you get **54.5650, 65.4098, 77.7136**, and if you desaturate by 10%, it is **65.6106, 71.0844, 79.1156**.

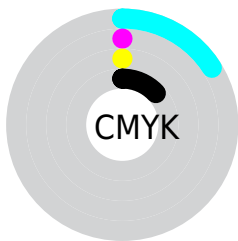
Distribution



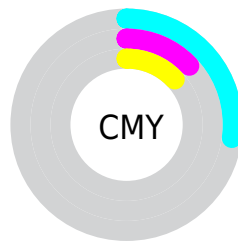
- Red (73%)
- Green (87%)
- Blue (87%)



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



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6659, 68.0278, 78.3926 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 59.6659, 68.0278, 78.3926 by changing the saturation by 10% instead.

■ 59.6659, 68.0278,
78.3926

■ 59.6659, 68.0278,
78.3926

413.2197,
453.5945, 509.0623

■ 43.3978, 49.9204,
57.8782

■ 103.4540,
116.3919, 132.8943

■ 30.3933, 35.3501,
41.2967

131.7047,
147.4174, 167.7187

■ 20.2868, 23.9327,
28.2295

164.6803,
183.5176, 208.1501

■ 12.7132, 15.2837,
18.2582

202.7462,
225.0770, 254.6072

■ 7.3070, 9.0187,
10.9642

246.2677,
272.4800, 307.5084

■ 3.7028, 4.7534,
5.9289

295.6103,

■ 1.5354, 2.1033,

326.1110, 367.2723

2.7338

351.1391,
386.3544, 434.3174

■ 0.3498, 0.6665,
0.9604

■ 0.0000, 0.0000,
0.0000

■ 59.6659, 68.0278,
78.3926

■ 59.6659, 68.0278,
78.3926

■ 54.5650, 65.4098,
77.7136

■ 65.6106, 71.0844,
79.1156

■ 50.2637, 63.2021,
77.0723

■ 72.4293, 74.5897,
79.8798

■ 46.7223, 61.3862,
76.4682

■ 80.1577, 78.5640,
80.6882

■ 43.8959, 59.9388,
75.8993

■ 80.7556, 78.8623,
81.1646

41.7344, 58.8341,
75.3631

80.8419, 78.8968,
81.6187

40.1815, 58.0431,
74.8571

80.9284, 78.9314,
82.0745

39.1715, 57.5320,
74.3782

81.0153, 78.9661,
82.5321

38.6235, 57.2590,
73.9225

81.1025, 79.0010,
82.9913

38.4710, 57.1844,
73.7339

81.1900, 79.0360,
83.4522

Harmonies

Analogous

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



59.6152, 68.0278, 70.4619



59.6659, 68.0278, 78.3926



61.0289, 68.0278, 85.6393

Triad

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



59.6659, 68.0278, 78.3926



68.5808, 68.0278, 85.1793



65.9480, 68.0278, 60.2033

Complementary

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



59.6659, 68.0278, 78.3926



56.9740, 54.7028, 55.1356

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.



68.4290, 68.0278, 63.5939



59.6659, 68.0278, 78.3926



69.9782, 68.0278, 77.8007

Square

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



59.6659, 68.0278, 78.3926



66.1504, 68.0278, 89.7450



69.9219, 68.0278, 69.9107



63.1890, 68.0278, 60.3368

Rectangle

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



59.6659, 68.0278, 78.3926



62.5212, 68.0278, 88.9412



69.9219, 68.0278, 69.9107



66.8437, 68.0278, 60.9576

Sweetspot

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



59.6679, 68.0306, 78.3941



90.4550, 97.6380, 108.3782



55.8730, 66.5458, 56.9146



19.2281, 20.8302, 23.1819



0.0000, 0.0000, 0.0000



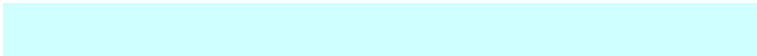
20.3446, 21.4041, 23.3091

Same Dimension

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



59.6679, 68.0306, 78.3941



79.1938, 91.8516, 106.9953



55.6714, 59.8231, 77.7234



14.0987, 15.5652, 17.5551



22.8574, 33.9678, 43.8337



1.5898, 2.3566, 3.0669

Inverse Universe

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



56.9740, 54.7028, 55.1356



74.8215, 70.2189, 69.2449



60.5310, 61.9893, 55.7896



13.7231, 13.7069, 14.3119



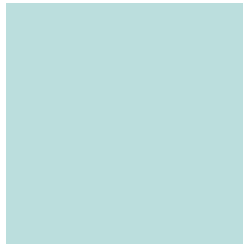
17.9208, 9.2353, 0.9829



1.2479, 0.6424, 0.0981

Previews

White Background



This preview shows how the XYZ color 59.6659, 68.0278, 78.3926 looks on a white background.

Color Contrast Check

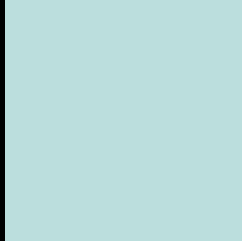
Large Text (above 18pt) WCAG AA × Fail

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 59.6659, 68.0278, 78.3926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

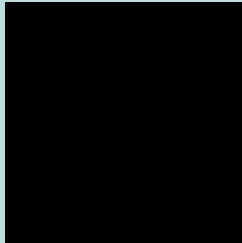
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

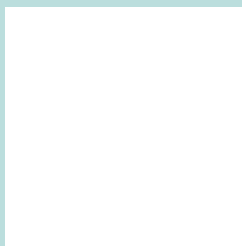
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6659, 68.0278, 78.3926

Background



This preview shows how black text looks on a background with the XYZ color 59.6659, 68.0278, 78.3926.

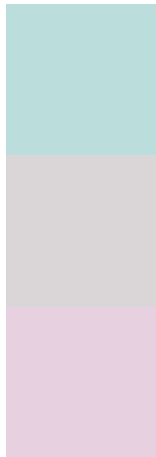


This preview shows how white text looks on a background with the XYZ color 59.6659, 68.0278,

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

59.6659, 68.0278, 78.3926

Protanopia

65.3547, 67.9564, 74.6381

Deuteranopia

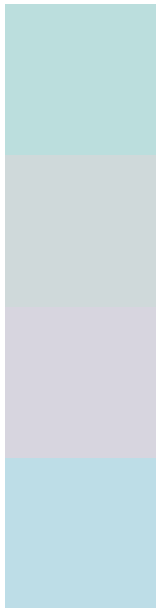
68.9654, 67.4825, 79.9116



Tritanopia

62.1145, 68.2480, 90.0202

Trichromacy



Original Color

59.6659, 68.0278, 78.3926

Protanomaly

63.1999, 67.9531, 76.1149

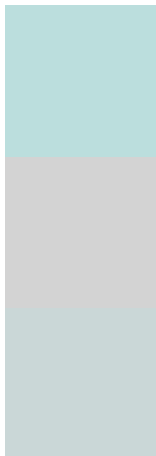
Deuteranomaly

65.1379, 67.3633, 79.3813

Tritanomaly

61.2665, 68.3012, 85.5557

Monochromacy



Original Color

59.6659, 68.0278, 78.3926

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.9233, 66.0637, 73.8306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6659, 68.0278, 78.3926 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(187, 222, 221)` looks like.

```
.text, #text, p{  
    color:rgb(187, 222, 221)  
}
```

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(187, 222, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 222, 221) }
```

Border

The CSS property to change the border of an element to XYZ 59.6659, 68.0278, 78.3926 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(187, 222, 221) }
```


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

```
.border{ border-color:rgb(187, 222, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 222, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 222, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 222, 221);  
box-shadow:4px 4px 4px 4px rgb(187, 222,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6659, 68.0278, 78.3926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 222, 221) }
```

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

```
.background{ background-color: rgb(187,  
222, 221) }
```

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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