

Converting Colors

XYZ(60.0820, 67.9372, 79.8917)

Have a look what the booklet for
XYZ(60.0820, 67.9372, 79.8917)
contains.

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Color

**XYZ(59.9148, 67.7320,
79.7278)**

Conversions

Conversions Part 1

Format	Color
Hex	BCDDDF
RGB	188, 221, 223
RGB Percent	74%, 87%, 87%
CMY	0.2627, 0.1333, 0.1255
CMYK	0.16, 0.01, 0.00, 0.13
HSL	183°, 35%, 81%
HSV	183°, 16%, 87%
XYZ	59.9148, 67.7320, 79.7278
YIQ	211.3610, -20.3100, -6.3740

Conversions

Conversions Part 2

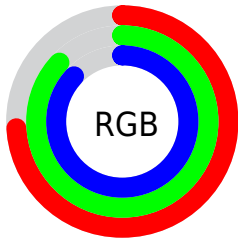
Format	Color
RYB	188, 205, 223
Decimal	12377567
CIELab	85.87, -10.39, -4.62
CIELCh	86, 11.372, 203.991
Yxy	67.7320, 0.2889, 0.3266
Android (android.graphics.Color)	4290567647 (0xFFBCDDDF)
YUV	211.3610, 5.7380, -20.4876
Hunter-Lab	82.2995, -14.0743, 0.1723

Details

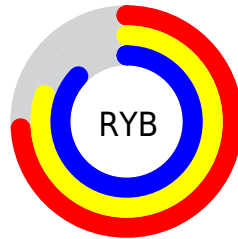
The XYZ color **59.9148, 67.7320, 79.7278** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.9225, 56.1457, 55.3626**, and the grayscale version is **62.1300, 65.3656, 71.1831**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **30.5356, 35.1679, 42.2245** is the 20% darker color. If you saturate the color by 10%, you get **54.5060, 64.4486, 79.3802**, and if you desaturate by 10%, it is **66.1789, 71.4637, 80.1190**.

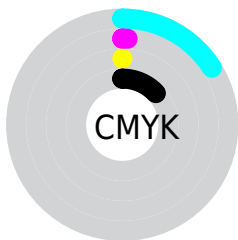
Distribution



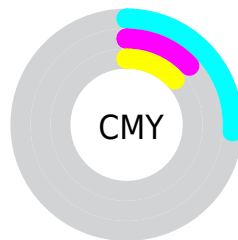
- Red (74%)
- Green (87%)
- Blue (87%)



- Red (74%)
- Yellow (80%)
- Blue (87%)



- Cyan (16%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)



- Cyan (26%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9148, 67.7320, 79.7278 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 59.9148, 67.7320, 79.7278 by changing the saturation by 10% instead.

■ 59.9148, 67.7320,
79.7278

■ 59.9148, 67.7320,
79.7278

414.1234,
452.5459, 513.6976

■ 43.5992, 49.6797,
58.9695

■ 103.8131,
115.9687, 134.7909

■ 30.5521, 35.1590,
42.1687

132.1265,
146.9219, 169.9328

■ 20.4081, 23.7854,
28.9069

165.1698,
182.9441, 210.7064

■ 12.8021, 15.1745,
18.7654

203.3085,
224.4199, 257.5301

■ 7.3684, 8.9419,
11.3258

246.9078,
271.7336, 310.8226

■ 3.7419, 4.7033,
6.1695

296.3332,

■ 1.5572, 2.0743,

325.2696, 371.0023

2.8780

351.9499,
385.4122, 438.4878

■ 0.3643, 0.6501,
1.0327

■ 0.0000, 0.0000,
0.0000

■ 59.9148, 67.7320,
79.7278

■ 59.9148, 67.7320,
79.7278

■ 54.5060, 64.4486,
79.3802

■ 66.1789, 71.4637,
80.1190

■ 49.9077, 61.5851,
79.0698

■ 73.3289, 75.6540,
80.5510

■ 46.0802, 59.1226,
78.7963

■ 81.4008, 80.3234,
81.0268

■ 42.9776, 57.0376,
78.5573

■ 81.7814, 81.0317,
81.1435

■ 40.5496, 55.3041,
78.3507

■ 82.1289, 81.7266,
81.2593

■ 38.7392, 53.8927,
78.1737

■ 82.4790, 82.4267,
81.3760

■ 37.4801, 52.7693,
78.0232

■ 82.8316, 83.1320,
81.4935

■ 36.6907, 51.8918,
77.8955

■ 83.1868, 83.8424,
81.6119

■ 36.4348, 51.5584,
77.8446

■ 83.5446, 84.5580,
81.7312

Harmonies

Analogous

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



59.5299, 67.7320, 72.2593



59.9148, 67.7320, 79.7278



61.4812, 67.7320, 85.9539

Triad

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



59.9148, 67.7320, 79.7278



68.5087, 67.7320, 82.4950



64.9022, 67.7320, 60.4001

Complementary

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



59.9148, 67.7320, 79.7278



57.9225, 56.1457, 55.3626

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.



67.3628, 67.7320, 62.7572



59.9148, 67.7320, 79.7278



69.4808, 67.7320, 75.2583

Square

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



59.9148, 67.7320, 79.7278



66.4325, 67.7320, 87.6253



69.0559, 67.7320, 68.0761



62.3648, 67.7320, 61.4202

Rectangle

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



59.9148, 67.7320, 79.7278



63.0076, 67.7320, 88.3927



69.0559, 67.7320, 68.0761



65.7665, 67.7320, 60.8184

Sweetspot

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



59.9168, 67.7348, 79.7293



90.2822, 97.1982, 108.6105



56.3949, 67.1747, 58.5670



19.1860, 20.7229, 23.2387



0.0000, 0.0000, 0.0000



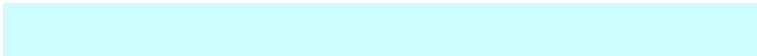
20.3446, 21.4041, 23.3091

Same Dimension

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



59.9168, 67.7348, 79.7293



78.5410, 90.1896, 107.8765



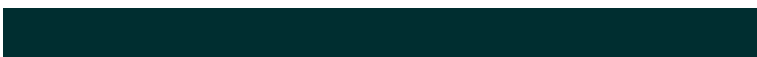
55.5930, 59.0874, 78.2881



14.0461, 15.4313, 17.6259



21.4516, 30.3727, 45.7803



1.5076, 2.1467, 3.1801

Inverse Universe

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



61.4674, 56.8763, 76.1484



81.0520, 72.7111, 102.0541



61.8831, 64.0670, 56.6828



14.2595, 13.9214, 17.1366



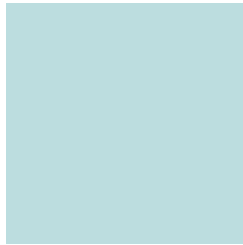
24.7680, 11.9742, 37.0394



1.7272, 0.8342, 2.6224

Previews

White Background



This preview shows how the XYZ color 59.9148, 67.7320, 79.7278 looks on a white background.

Color Contrast Check

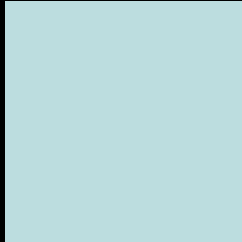
Large Text (above 18pt) WCAG AA × Fail

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 59.9148, 67.7320, 79.7278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

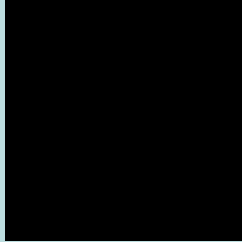
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

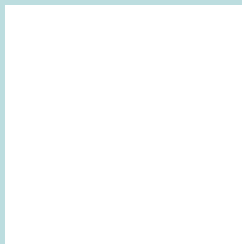
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.9148, 67.7320, 79.7278

Background



This preview shows how black text looks on a background with the XYZ color 59.9148, 67.7320, 79.7278.

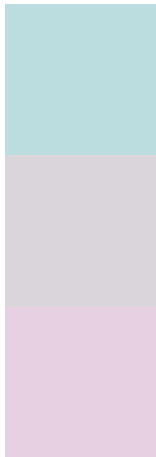


This preview shows how white text looks on a background with the XYZ color 59.9148, 67.7320,

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

59.9148, 67.7320, 79.7278

Protanopia

65.0644, 67.4022, 75.9103

Deuteranopia

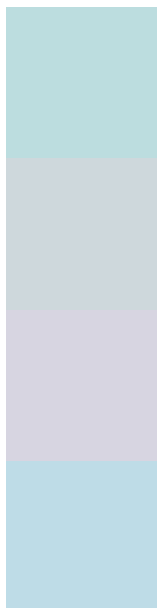
68.9165, 67.4257, 81.3337



Tritanopia

61.9577, 67.7955, 89.1772

Trichromacy



Original Color

59.9148, 67.7320, 79.7278

Protanomaly

62.9277, 67.4009, 77.4032

Deuteranomaly

65.4092, 67.4718, 80.8101

Tritanomaly

61.2522, 67.9031, 85.4796

Monochromacy



Original Color

59.9148, 67.7320, 79.7278

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.1948, 66.2037, 73.8433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9148, 67.7320, 79.7278 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(188, 221, 223) looks like.

```
.text, #text, p{  
    color:rgb(188, 221, 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(188, 221, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 221, 223) }
```

Border

The CSS property to change the border of an element to XYZ 59.9148, 67.7320, 79.7278 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(188, 221, 223) }
```


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

```
.border{ border-color:rgb(188, 221, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 221, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 221, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 221, 223);  
box-shadow:4px 4px 4px 4px rgb(188, 221,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9148, 67.7320, 79.7278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 221, 223) }
```

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

```
.background{ background-color: rgb(188,  
221, 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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