

Converting Colors

XYZ(59.4890, 67.7590, 78.7499)

Have a look what the booklet for
XYZ(59.4890, 67.7590, 78.7499)
contains.

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Color

**XYZ(59.5558, 67.9556,
79.0851)**

Conversions

Conversions Part 1

Format	Color
Hex	BADEDE
RGB	186, 222, 222
RGB Percent	73%, 87%, 87%
CMY	0.2706, 0.1294, 0.1294
CMYK	0.16, 0.00, 0.00, 0.13
HSL	180°, 35%, 80%
HSV	180°, 16%, 87%
XYZ	59.5558, 67.9556, 79.0851
YIQ	211.2360, -21.4560, -7.6320

Conversions

Conversions Part 2

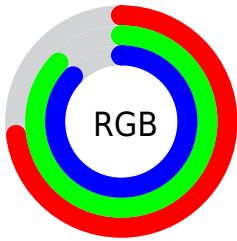
Format	Color
R _{YB}	186, 204, 222
Decimal	12246750
CIE Lab	85.98, -11.73, -3.95
CIE LCh	86, 12.376, 198.589
Yxy	67.9556, 0.2883, 0.3289
Android (android.graphics.Color)	4290436830 (0xFFBADEDE)
YUV	211.2360, 5.3067, -22.1320
Hunter-Lab	82.4352, -15.3032, 0.8241

Details

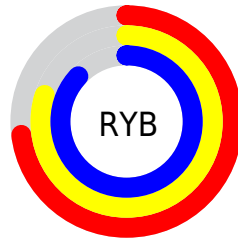
The XYZ color **59.5558, 67.9556, 79.0851** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.5485, 54.1944, 53.9374**, and the grayscale version is **62.0506, 65.2821, 71.0922**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **30.3095, 35.3330, 41.7817** is the 20% darker color. If you saturate the color by 10%, you get **54.5762, 65.3904, 78.8522**, and if you desaturate by 10%, it is **65.3772, 70.9584, 79.3603**.

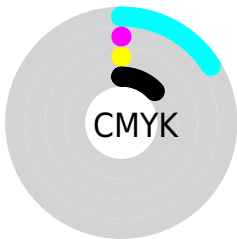
Distribution



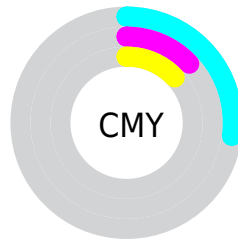
- Red (73%)
- Green (87%)
- Blue (87%)



- 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 59.5558, 67.9556, 79.0851 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 59.5558, 67.9556, 79.0851 by changing the saturation by 10% instead.

■ 59.5558, 67.9556,
79.0851

■ 59.5558, 67.9556,
79.0851

412.8195,
453.3387, 511.4694

■ 43.3088, 49.8616,
58.4440

■ 103.2950,
116.2886, 133.8784

■ 30.3230, 35.3035,
41.7487

131.5180,
147.2965, 168.8677

■ 20.2332, 23.8967,
28.5805

164.4636,
183.3777, 209.4769

■ 12.6739, 15.2570,
18.5208

202.4973,
224.9167, 256.1245

■ 7.2798, 9.0000,
11.1513

245.9844,
272.2979, 309.2290

■ 3.6856, 4.7412,
6.0532

295.2902,

■ 1.5259, 2.0962,

325.9057, 369.2089

2.8082

350.7801,
386.1245, 436.4829

■ 0.3433, 0.6625,
0.9975

■ 0.0000, 0.0000,
0.0000

■ 59.5558, 67.9556,
79.0851

■ 59.5558, 67.9556,
79.0851

■ 54.5762, 65.3904,
78.8522

■ 65.3772, 70.9584,
79.3603

■ 50.3941, 63.2344,
78.6551

■ 72.0707, 74.4090,
79.6749

■ 46.9697, 61.4691,
78.4936

■ 79.6721, 78.3277,
80.0319

■ 44.2577, 60.0710,
78.3653

■ 80.5486, 78.7794,
80.0742

■ 42.2079, 59.0144,
78.2681

■ 80.5488, 78.7795,
80.0756

■ 40.7637, 58.2699,
78.1992

■ 80.5491, 78.7796,
80.0769

■ 39.8588, 57.8034,
78.1555

■ 80.5493, 78.7797,
80.0782

■ 39.4107, 57.5724,
78.1332

■ 80.5496, 78.7798,
80.0796

■ 39.3054, 57.5182,
78.1278

■ 80.5498, 78.7799,
80.0809

Harmonies

Analogous

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



59.3885, 67.9556, 70.9438



59.5558, 67.9556, 79.0851



61.0481, 67.9556, 86.3389

Triad

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



59.5558, 67.9556, 79.0851



68.7681, 67.9556, 84.8150



65.6751, 67.9556, 59.7096

Complementary

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



59.5558, 67.9556, 79.0851



56.5485, 54.1944, 53.9374

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.



68.2658, 67.9556, 62.8823



59.5558, 67.9556, 79.0851



70.0862, 67.9556, 77.1264

Square

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



59.5558, 67.9556, 79.0851



66.3444, 67.9556, 89.8105



69.8997, 67.9556, 69.1226



62.8663, 67.9556, 60.1495

Rectangle

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



59.5558, 67.9556, 79.0851



62.6187, 67.9556, 89.5114



69.8997, 67.9556, 69.1226



66.6018, 67.9556, 60.3790

Sweetspot

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



59.5578, 67.9584, 79.0866



90.5136, 97.6614, 108.6868



55.3820, 66.3050, 56.3348



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.



59.5578, 67.9584, 79.0866



79.4159, 91.9404, 108.1649



55.1722, 59.1867, 77.6268



14.1166, 15.5724, 17.6491



23.3456, 34.1631, 46.4043



1.6182, 2.3680, 3.2166

Inverse Universe

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



56.5485, 54.1944, 53.9374



74.6520, 70.1511, 68.3520



60.4401, 61.9782, 55.2330



13.7073, 13.7006, 14.2290



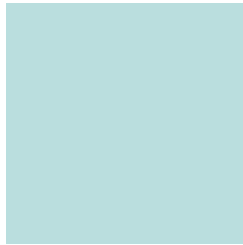
17.8933, 9.2243, 0.8378



1.2403, 0.6394, 0.0582

Previews

White Background



This preview shows how the XYZ color 59.5558, 67.9556, 79.0851 looks on a white background.

Color Contrast Check

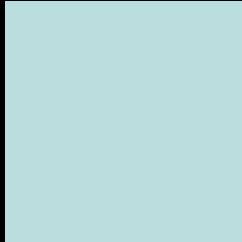
Large Text (above 18pt) WCAG AA × Fail

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 59.5558, 67.9556, 79.0851 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

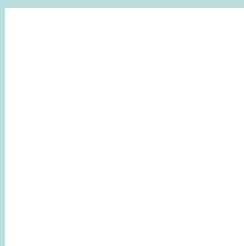
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.5558, 67.9556, 79.0851

Background



This preview shows how black text looks on a background with the XYZ color 59.5558, 67.9556, 79.0851.

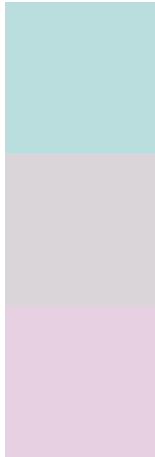


This preview shows how white text looks on a background with the XYZ color 59.5558, 67.9556,

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

59.5558, 67.9556, 79.0851

Protanopia

65.2321, 67.5037, 75.2371

Deuteranopia

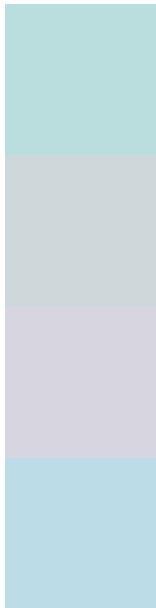
69.1015, 67.5369, 80.6281



Tritanopia

61.8655, 68.1196, 90.0085

Trichromacy



Original Color

59.5558, 67.9556, 79.0851

Protanomaly

62.7956, 67.3480, 76.7076

Deuteranomaly

65.2731, 67.4174, 80.0936

Tritanomaly

61.1610, 68.2305, 86.2902

Monochromacy



Original Color

59.5558, 67.9556, 79.0851

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 59.5558, 67.9556, 79.0851 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(186, 222, 222)` looks like.

```
.text, #text, p{  
    color:rgb(186, 222, 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(186, 222, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 222, 222) }
```

Border

The CSS property to change the border of an element to XYZ 59.5558, 67.9556, 79.0851 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(186, 222, 222) }
```


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

```
.border{ border-color:rgb(186, 222, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 222, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 222, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 222, 222);  
box-shadow:4px 4px 4px 4px rgb(186, 222,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5558, 67.9556, 79.0851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 222, 222) }
```

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

```
.background{ background-color: rgb(186,  
222, 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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