

Converting Colors

XYZ(59.1489, 67.1647, 77.6728)

Have a look what the booklet for
XYZ(59.1489, 67.1647, 77.6728)
contains.

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Color

**XYZ(59.0050, 66.9185,
77.5168)**

Conversions

Conversions Part 1

Format	Color
Hex	BBDCDC
RGB	187, 220, 220
RGB Percent	73%, 86%, 86%
CMY	0.2667, 0.1372, 0.1372
CMYK	0.15, 0.00, 0.00, 0.14
HSL	180°, 32%, 80%
HSV	180°, 15%, 86%
XYZ	59.0050, 66.9185, 77.5168
YIQ	210.1330, -19.6680, -6.9960

Conversions

Conversions Part 2

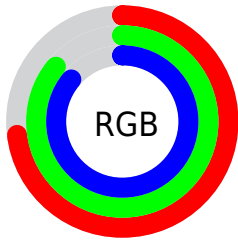
Format	Color
RYB	187, 204, 220
Decimal	12311772
CIELab	85.46, -10.81, -3.65
CIELCh	85, 11.405, 198.654
Yxy	66.9185, 0.2900, 0.3289
Android (android.graphics.Color)	4290501852 (0xFFBBDCDC)
YUV	210.1330, 4.8644, -20.2876
Hunter-Lab	81.8037, -14.4045, 1.0797

Details

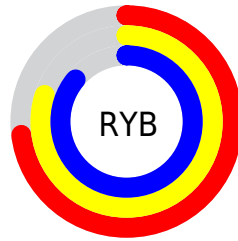
The XYZ color **59.0050, 66.9185, 77.5168** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.2576, 54.3460, 54.5414**, and the grayscale version is **61.3258, 64.5195, 70.2617**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **29.9195, 34.6134, 40.7014** is the 20% darker color. If you saturate the color by 10%, you get **54.0300, 64.3556, 77.2840**, and if you desaturate by 10%, it is **64.8084, 69.9120, 77.7912**.

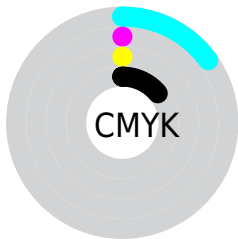
Distribution



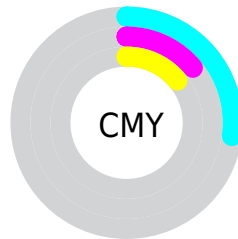
- Red (73%)
- Green (86%)
- Blue (86%)



- Red (73%)
- Yellow (80%)
- Blue (86%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (14%)



- Cyan (27%)
- Magenta (14%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0050, 66.9185, 77.5168 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 59.0050, 66.9185, 77.5168 by changing the saturation by 10% instead.

■ 59.0050, 66.9185,
77.5168

■ 59.0050, 66.9185,
77.5168

410.8142,
449.6546, 506.0086

■ 42.8635, 49.0184,
57.1630

■ 102.4995,
114.8036, 131.6484

■ 29.9721, 34.6341,
40.7259

130.5833,
145.5574, 166.2633

■ 19.9654, 23.3811,
27.7869

163.3785,
181.3646, 206.4691

■ 12.4780, 14.8752,
17.9274

201.2506,
222.6095, 252.6841

■ 7.1446, 8.7318,
10.7290

244.5648,
269.6766, 305.3271

■ 3.5998, 4.5667,
5.7730

293.6866,

■ 1.4783, 1.9953,

322.9502, 364.8165

2.6410

348.9813,
382.8147, 431.5708

■ 0.3110, 0.6048,
0.9135

■ 0.0000, 0.0000,
0.0000

■ 59.0050, 66.9185,
77.5168

■ 59.0050, 66.9185,
77.5168

■ 54.0300, 64.3556,
77.2840

■ 64.8084, 69.9120,
77.7912

■ 49.8402, 62.1957,
77.0865

■ 71.4694, 73.3459,
78.1044

■ 46.3973, 60.4209,
76.9239

■ 79.0230, 77.2398,
78.4593

■ 43.6574, 59.0084,
76.7943

■ 79.7540, 77.6166,
78.4949

41.5721, 57.9334,
76.6953

79.7542, 77.6167,
78.4964

40.0868, 57.1678,
76.6243

79.7545, 77.6169,
78.4978

39.1381, 56.6788,
76.5785

79.7548, 77.6170,
78.4992

38.6487, 56.4265,
76.5542

79.7551, 77.6171,
78.5007

38.5106, 56.3553,
76.5470

79.7553, 77.6172,
78.5021

Harmonies

Analogous

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



58.8490, 66.9185, 70.0951



59.0050, 66.9185, 77.5168



60.3732, 66.9185, 84.0936

Triad

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



59.0050, 66.9185, 77.5168



67.4133, 66.9185, 82.6882



64.5880, 66.9185, 59.7647

Complementary

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



59.0050, 66.9185, 77.5168



56.2576, 54.3460, 54.5414

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.



66.9481, 66.9185, 62.6794



59.0050, 66.9185, 77.5168



68.6086, 66.9185, 75.7025

Square

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



59.0050, 66.9185, 77.5168



65.2089, 66.9185, 87.2162



68.4360, 66.9185, 68.3990



62.0257, 66.9185, 60.1776

Rectangle

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



59.0050, 66.9185, 77.5168



61.8099, 66.9185, 86.9584



68.4360, 66.9185, 68.3990



65.4325, 66.9185, 60.3793

Sweetspot

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



59.0069, 66.9213, 77.5183



90.5136, 97.6614, 108.6867



55.1932, 65.4113, 56.7316



19.2424, 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.



59.0069, 66.9213, 77.5183



80.1321, 92.3096, 108.1983



55.0185, 58.9438, 76.1908



13.4449, 14.8296, 16.8056



22.6004, 33.0728, 44.9227



1.4642, 2.1426, 2.9104

Inverse Universe

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



56.2576, 54.3460, 54.5414



75.5866, 71.5186, 70.2100



59.8314, 61.4942, 55.7311



13.0561, 13.0516, 13.5569



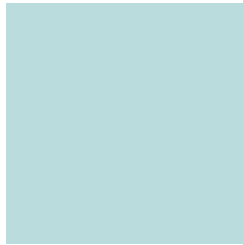
17.3223, 8.9299, 0.8111



1.1222, 0.5785, 0.0526

Previews

White Background



This preview shows how the XYZ color 59.0050, 66.9185, 77.5168 looks on a white background.

Color Contrast Check

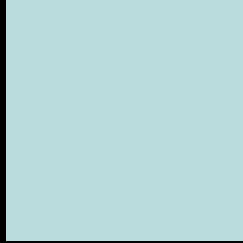
Large Text (above 18pt) WCAG AA × Fail

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 59.0050, 66.9185, 77.5168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

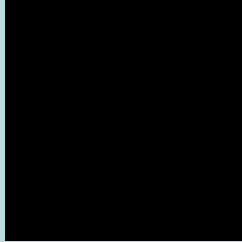
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.0050, 66.9185, 77.5168

Background



This preview shows how black text looks on a background with the XYZ color 59.0050, 66.9185, 77.5168.

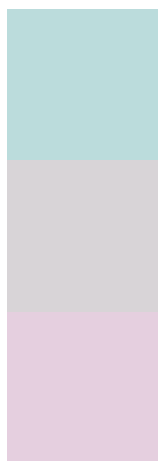


This preview shows how white text looks on a background with the XYZ color 59.0050, 66.9185,

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

59.0050, 66.9185, 77.5168

Protanopia

64.1281, 66.5922, 73.7636

Deuteranopia

67.9452, 66.6114, 79.0882



Tritanopia

61.3020, 67.0881, 88.3156

Trichromacy



Original Color

59.0050, 66.9185, 77.5168

Protanomaly

62.0017, 66.5898, 75.2309

Deuteranomaly

64.4599, 66.6570, 78.5759

Tritanomaly

60.6007, 67.1950, 84.6388

Monochromacy



Original Color

59.0050, 66.9185, 77.5168

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.5413, 65.5047, 73.0711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0050, 66.9185, 77.5168 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, 220, 220)` looks like.

```
.text, #text, p{  
    color:rgb(187, 220, 220)  
}
```

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, 220, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 220, 220) }
```

Border

The CSS property to change the border of an element to XYZ 59.0050, 66.9185, 77.5168 is called "border". The border property can be set on classes, ids or directly on the HTML element.

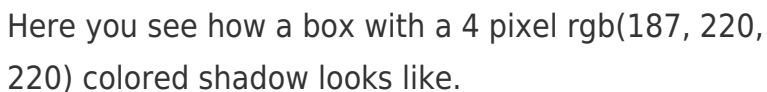
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 220, 220) }
```


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

```
.border{ border-color:rgb(187, 220, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 220, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 220, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 220, 220); box-shadow:4px 4px 4px 4px rgb(187, 220, 220) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0050, 66.9185, 77.5168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 220, 220) }
```

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

```
.background{ background-color: rgb(187,  
220, 220) }
```

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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