

Converting Colors

XYZ(59.0686, 66.9865, 78.9494)

Have a look what the booklet for
XYZ(59.0686, 66.9865, 78.9494)
contains.

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Color

**XYZ(59.0277, 66.8994,
78.9090)**

Conversions

Conversions Part 1

Format	Color
Hex	BADCDE
RGB	186, 220, 222
RGB Percent	73%, 86%, 87%
CMY	0.2706, 0.1372, 0.1294
CMYK	0.16, 0.01, 0.00, 0.13
HSL	183°, 35%, 80%
HSV	183°, 16%, 87%
XYZ	59.0277, 66.8994, 78.9090
YIQ	210.0620, -20.9060, -6.5860

Conversions

Conversions Part 2

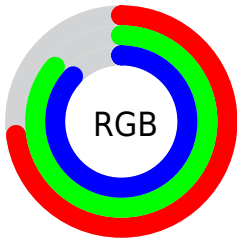
Format	Color
R _{YB}	186, 203, 222
Decimal	12246238
CIE Lab	85.45, -10.71, -4.73
CIE LCh	85, 11.706, 203.818
Yxy	66.8994, 0.2882, 0.3266
Android (android.graphics.Color)	4290436318 (0xFFBADCDE)
YUV	210.0620, 5.8854, -21.1024
Hunter-Lab	81.7921, -14.3162, 0.0543

Details

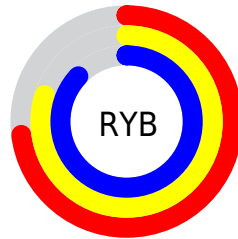
The XYZ color **59.0277, 66.8994, 78.9090** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.9709, 55.0412, 54.0769**, and the grayscale version is **61.2732, 64.4642, 70.2015**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **29.9459, 34.6058, 41.6605** is the 20% darker color. If you saturate the color by 10%, you get **53.7264, 63.6902, 78.5700**, and if you desaturate by 10%, it is **65.1732, 70.5509, 79.2910**.

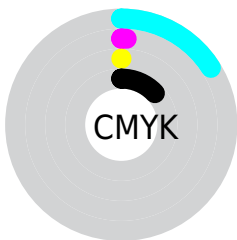
Distribution



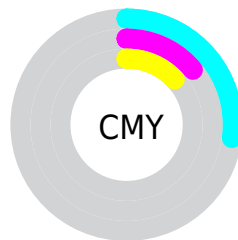
- Red (73%)
- Green (86%)
- Blue (87%)



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



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



- Cyan (27%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0277, 66.8994, 78.9090 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 59.0277, 66.8994, 78.9090 by changing the saturation by 10% instead.

■ 59.0277, 66.8994,
78.9090

■ 59.0277, 66.8994,
78.9090

410.8970,
449.5866, 510.8579

■ 42.8819, 49.0029,
58.3001

■ 102.5323,
114.7763, 133.6282

■ 29.9866, 34.6218,
41.6337

130.6218,
145.5254, 168.5757

■ 19.9764, 23.3717,
28.4911

163.4233,
181.3275, 209.1397

■ 12.4861, 14.8682,
18.4540

201.3020,
222.5670, 255.7389

■ 7.1502, 8.7269,
11.1036

244.6234,
269.6282, 308.7918

■ 3.6034, 4.5635,
6.0215

293.7528,

■ 1.4803, 1.9935,

322.8956, 368.7169

2.7892

349.0555,
382.7536, 435.9328

■ 0.3124, 0.6037,
0.9880

■ 0.0000, 0.0000,
0.0000

■ 59.0277, 66.8994,
78.9090

■ 59.0277, 66.8994,
78.9090

■ 53.7264, 63.6902,
78.5700

■ 65.1732, 70.5509,
79.2910

■ 49.2248, 60.8950,
78.2678

■ 72.1931, 74.6549,
79.7131

■ 45.4834, 58.4952,
78.0018

■ 80.1233, 79.2318,
80.1786

■ 42.4567, 56.4674,
77.7699

■ 81.3314, 80.3469,
80.3302

40.0947, 54.7857,
77.5698

81.6654, 81.0148,
80.4415

38.3405, 53.4209,
77.3988

82.0018, 81.6877,
80.5536

37.1280, 52.3388,
77.2538

82.3407, 82.3653,
80.6666

36.3745, 51.4968,
77.1310

82.6819, 83.0478,
80.7803

36.1543, 51.2126,
77.0878

83.0255, 83.7351,
80.8949

Harmonies

Analogous

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



58.6429, 66.8994, 71.2784



59.0277, 66.8994, 78.9090



60.6186, 66.8994, 85.2955

Triad

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



59.0277, 66.8994, 78.9090



67.7973, 66.8994, 81.8215



64.1374, 66.8994, 59.2483

Complementary

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



59.0277, 66.8994, 78.9090



56.9709, 55.0412, 54.0769

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.



66.6485, 66.8994, 61.6640



59.0277, 66.8994, 78.9090



68.7990, 66.8994, 74.4284

Square

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



59.0277, 66.8994, 78.9090



65.6704, 66.8994, 87.0572



68.3729, 66.8994, 67.0944



61.5459, 66.8994, 60.2653

Rectangle

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



59.0277, 66.8994, 78.9090



62.1733, 66.8994, 87.8095



68.3729, 66.8994, 67.0944



65.0197, 66.8994, 59.6801

Sweetspot

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



59.0296, 66.9022, 78.9105



90.2886, 97.2111, 108.6126



55.4277, 66.3050, 57.3420



19.1875, 20.7260, 23.2392



0.0000, 0.0000, 0.0000



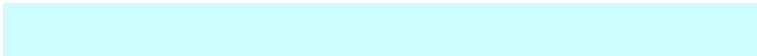
20.3446, 21.4041, 23.3091

Same Dimension

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



59.0296, 66.9022, 78.9105



78.5652, 90.2378, 107.8846



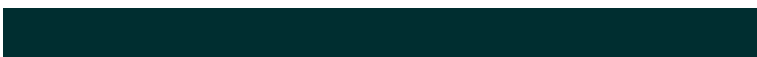
54.6032, 58.0492, 77.4350



14.0480, 15.4352, 17.6266



21.5023, 30.4741, 45.7972



1.5106, 2.1526, 3.1811

Inverse Universe

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



60.6029, 55.8161, 75.2928



81.0642, 72.7160, 102.1183



61.0114, 63.1223, 55.4238



14.2605, 13.9218, 17.1418



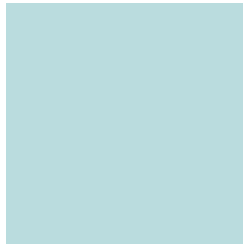
24.7935, 11.9844, 37.1742



1.7287, 0.8348, 2.6303

Previews

White Background



This preview shows how the XYZ color 59.0277, 66.8994, 78.9090 looks on a white background.

Color Contrast Check

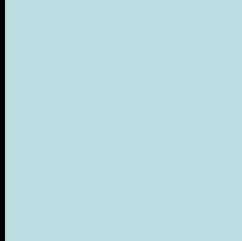
Large Text (above 18pt) WCAG AA × Fail

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 59.0277, 66.8994, 78.9090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

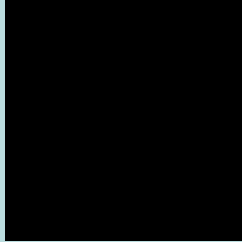
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.0277, 66.8994, 78.9090

Background



This preview shows how black text looks on a background with the XYZ color 59.0277, 66.8994, 78.9090.

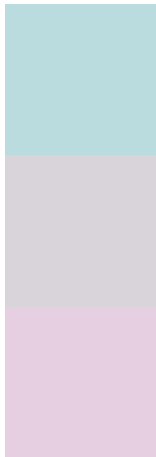


This preview shows how white text looks on a background with the XYZ color 59.0277, 66.8994,

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

59.0277, 66.8994, 78.9090

Protanopia

64.3868, 66.6957, 75.1256

Deuteranopia

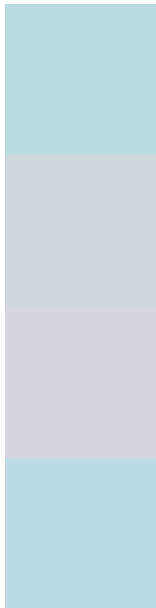
68.2165, 66.7199, 80.5170



Tritanopia

61.0531, 66.9598, 88.3040

Trichromacy



Original Color

59.0277, 66.8994, 78.9090

Protanomaly

62.2635, 66.6945, 76.6095

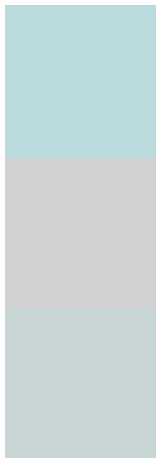
Deuteranomaly

64.4386, 66.6149, 79.9827

Tritanomaly

60.3535, 67.0676, 84.6273

Monochromacy



Original Color

59.0277, 66.8994, 78.9090

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.2716, 65.3657, 73.0585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0277, 66.8994, 78.9090 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, 220, 222)` looks like.

```
.text, #text, p{  
    color:rgb(186, 220, 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, 220, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 220, 222) }
```

Border

The CSS property to change the border of an element to XYZ 59.0277, 66.8994, 78.9090 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, 220, 222) }
```


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

```
.border{ border-color:rgb(186, 220, 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, 220, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 220, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 220, 222);  
box-shadow:4px 4px 4px 4px rgb(186, 220,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0277, 66.8994, 78.9090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 220, 222) }
```

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

```
.background{ background-color: rgb(186,  
220, 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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