

Converting Colors

XYZ(59.0784, 69.7153, 78.2996)

Have a look what the booklet for
XYZ(59.0784, 69.7153, 78.2996)
contains.

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Color

**XYZ(58.9778, 69.6892,
78.0530)**

Conversions

Conversions Part 1

Format	Color
Hex	B3E3DC
RGB	179, 227, 220
RGB Percent	70%, 89%, 86%
CMY	0.2980, 0.1098, 0.1372
CMYK	0.21, 0.00, 0.03, 0.11
HSL	171°, 46%, 80%
HSV	171°, 21%, 89%
XYZ	58.9778, 69.6892, 78.0530
YIQ	211.8500, -26.3610, -12.3530

Conversions

Conversions Part 2

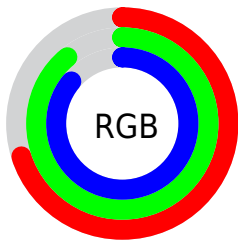
Format	Color
RYB	179, 205, 227
Decimal	11789276
CIELab	86.84, -16.83, -1.68
CIELCh	87, 16.909, 185.692
Yxy	69.6892, 0.2853, 0.3371
Android (android.graphics.Color)	4289979356 (0xFFB3E3DC)
YUV	211.8500, 4.0180, -28.8094
Hunter-Lab	83.4801, -19.9817, 3.0005

Details

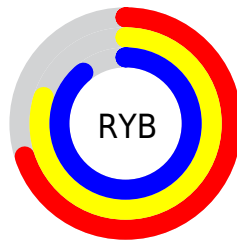
The XYZ color **58.9778, 69.6892, 78.0530** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.6641, 52.1183, 53.5308**, and the grayscale version is **62.4680, 65.7212, 71.5704**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **30.0015, 36.5816, 41.0770** is the 20% darker color. If you saturate the color by 10%, you get **53.7232, 67.0324, 75.5413**, and if you desaturate by 10%, it is **65.1087, 72.8005, 80.6540**.

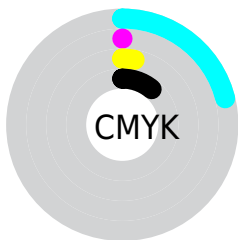
Distribution



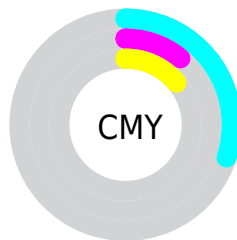
- Red (70%)
- Green (89%)
- Blue (86%)



- Red (70%)
- Yellow (80%)
- Blue (89%)



- Cyan (21%)
- Magenta (0%)
- Yellow (3%)
- Black (11%)



- Cyan (30%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9778, 69.6892, 78.0530 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 58.9778, 69.6892, 78.0530 by changing the saturation by 10% instead.

■ 58.9778, 69.6892,
78.0530

■ 58.9778, 69.6892,
78.0530

410.7150,
459.4580, 507.8795

■ 42.8415, 51.2732,
57.6008

■ 102.4602,
118.7654, 132.4114

■ 29.9548, 36.4261,
41.0752

130.5371,
150.1944, 167.1547

■ 19.9522, 24.7634,
28.0577

163.3249,
186.7299, 207.4987

■ 12.4683, 15.9009,
18.1298

201.1889,
228.7562, 253.8621

■ 7.1379, 9.4541,
10.8728

244.4946,
276.6578, 306.6633

■ 3.5956, 5.0385,
5.8683


293.6073,

■ 1.4760, 2.2699,


330.8190, 366.3209


2.6976


348.8923,
391.6243, 433.2535


 0.3094, 0.7577,
0.9422


 0.0000, 0.0000,
0.0000

 58.9778, 69.6892,
78.0530


 58.9778, 69.6892,
78.0530


 53.7232, 67.0324,
75.5413


 65.1087, 72.8005,
80.6540

 49.2968, 64.7996,
73.1120


 72.1494, 76.3779,
83.3418


 45.6546, 62.9702,
70.7643


 80.1388, 80.4433,
86.1198


 42.7463, 61.5182,
68.4954


 83.4539, 82.0981,
88.7252

 40.5159, 60.4146,
66.3027


 83.9322, 82.2894,
91.2442


 38.8989, 59.6262,
64.1827


 84.4195, 82.4843,
93.8102

 37.8182, 59.1134,
62.1315

 84.9158, 82.6829,
96.4236

 37.1952, 58.8306,
60.3674

 85.4211, 82.8850,
99.0845

 85.9355, 83.0907,
101.7931

Harmonies

Analogous

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



59.5671, 69.6892, 67.2900



58.9778, 69.6892, 78.0530



60.2702, 69.6892, 89.2622

Triad

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



58.9778, 69.6892, 78.0530



70.7588, 69.6892, 94.9107



69.4069, 69.6892, 57.7659

Complementary

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



58.9778, 69.6892, 78.0530



56.6641, 52.1183, 53.5308

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.



72.5862, 69.6892, 63.9064



58.9778, 69.6892, 78.0530



73.3881, 69.6892, 85.1710

Square

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



58.9778, 69.6892, 78.0530



66.9921, 69.6892, 99.5949



74.0697, 69.6892, 73.7471



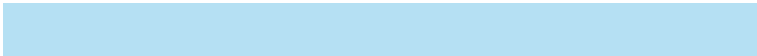
65.4886, 69.6892, 56.2638

Rectangle

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



58.9778, 69.6892, 78.0530



62.0564, 69.6892, 95.2601



74.0697, 69.6892, 73.7471



70.6023, 69.6892, 59.3241

Sweetspot

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



58.9798, 69.6921, 78.0546



89.2861, 97.0699, 106.7652



55.9063, 68.6600, 52.9553



18.9823, 20.7116, 22.8030



0.0000, 0.0000, 0.0000



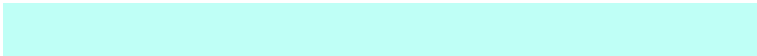
20.3446, 21.4041, 23.3091

Same Dimension

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



58.9798, 69.6921, 78.0546



73.8972, 89.2642, 100.2821



55.5537, 61.3242, 81.5851



14.7123, 16.2983, 18.0157



21.7252, 34.3222, 35.3829



1.6302, 2.5462, 2.7452

Inverse Universe

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



56.6641, 52.1183, 53.5308



70.4152, 62.8267, 63.3970



59.5125, 58.9776, 50.8963



14.4622, 14.4021, 15.3685



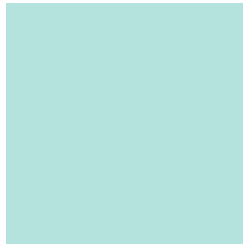
18.6620, 9.5990, 1.8489



1.4060, 0.7201, 0.2785

Previews

White Background



This preview shows how the XYZ color 58.9778, 69.6892, 78.0530 looks on a white background.

Color Contrast Check

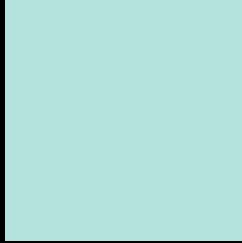
Large Text (above 18pt) WCAG AA × Fail

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 58.9778, 69.6892, 78.0530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

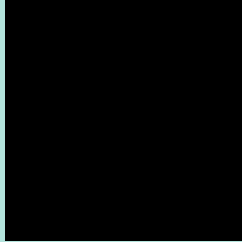
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

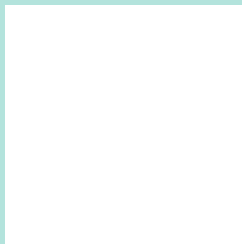
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.9778, 69.6892, 78.0530

Background



This preview shows how black text looks on a background with the XYZ color 58.9778, 69.6892, 78.0530.

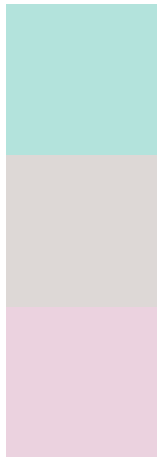


This preview shows how white text looks on a background with the XYZ color 58.9778, 69.6892,

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

58.9778, 69.6892, 78.0530

Protanopia

66.5123, 69.3389, 73.4965

Deuteranopia

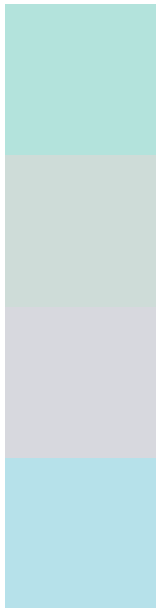
70.6268, 69.0831, 79.4240



Tritanopia

62.2111, 69.7894, 94.1962

Trichromacy



Original Color

58.9778, 69.6892, 78.0530

Protanomaly

63.4415, 69.2661, 74.9917

Deuteranomaly

65.7650, 68.8327, 78.9271

Tritanomaly

61.0679, 69.7360, 88.0837

Monochromacy



Original Color

58.9778, 69.6892, 78.0530

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

60.8980, 66.8114, 73.9762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9778, 69.6892, 78.0530 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(179, 227, 220)` looks like.

```
.text, #text, p{  
    color:rgb(179, 227, 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(179, 227, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 227, 220) }
```

Border

The CSS property to change the border of an element to XYZ 58.9778, 69.6892, 78.0530 is called "border". The border property can be set on classes, ids or directly on the HTML element.

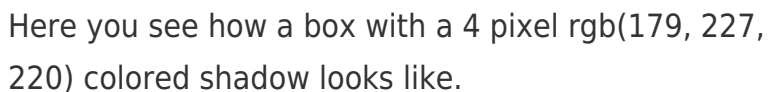
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 227, 220) }
```


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

```
.border{ border-color:rgb(179, 227, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 227, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 227, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 227, 220); box-shadow:4px 4px 4px 4px rgb(179, 227, 220) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9778, 69.6892, 78.0530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 227, 220) }
```

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

```
.background{ background-color: rgb(179,  
227, 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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