

Converting Colors

XYZ(58.1078, 68.4180, 78.5500)

Have a look what the booklet for
XYZ(58.1078, 68.4180, 78.5500)
contains.

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Color

**XYZ(58.1078, 68.4180,
78.5500)**

Conversions

Conversions Part 1

Format	Color
Hex	B1E1DD
RGB	177, 225, 221
RGB Percent	69%, 88%, 87%
CMY	0.3059, 0.1176, 0.1333
CMYK	0.21, 0.00, 0.02, 0.12
HSL	175°, 44%, 79%
HSV	175°, 21%, 88%
XYZ	58.1078, 68.4180, 78.5500
YIQ	210.1920, -27.3240, -11.4200

Conversions

Conversions Part 2

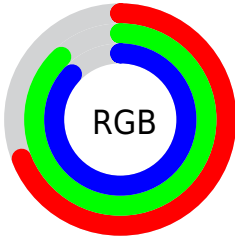
Format	Color
RYB	177, 202, 225
Decimal	11657693
CIELab	86.22, -16.22, -3.14
CIElCh	86, 16.522, 190.958
Yxy	68.4180, 0.2833, 0.3336
Android (android.graphics.Color)	4289847773 (0xFFB1E1DD)
YUV	210.1920, 5.3283, -29.1094
Hunter-Lab	82.7152, -19.3545, 1.5962

Details

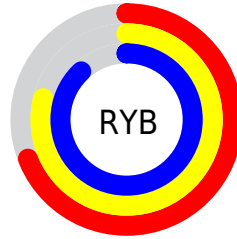
The XYZ color **58.1078, 68.4180, 78.5500** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.1164, 50.7899, 50.6173**, and the grayscale version is **61.3652, 64.5609, 70.3069**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **29.4260, 35.7136, 41.4189** is the 20% darker color. If you saturate the color by 10%, you get **53.1513, 65.8933, 77.0216**, and if you desaturate by 10%, it is **63.9161, 71.3850, 80.1357**.

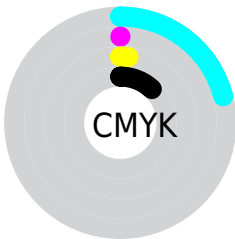
Distribution



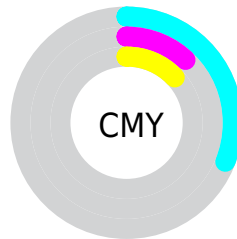
- Red (69%)
- Green (88%)
- Blue (87%)



- Red (69%)
- Yellow (79%)
- Blue (88%)



- Cyan (21%)
- Magenta (0%)
- Yellow (2%)
- Black (12%)



- Cyan (31%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1078, 68.4180, 78.5500 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 58.1078, 68.4180, 78.5500 by changing the saturation by 10% instead.

■ 58.1078, 68.4180,
78.5500

■ 58.1078, 68.4180,
78.5500

407.5349,
454.9756, 509.6100

■ 42.1389, 50.2379,
58.0068

■ 101.2019,
116.9499, 133.1181

■ 29.4017, 35.6024,
41.3994

129.0578,
148.0705, 167.9800

■ 19.5307, 24.1273,
28.3092

161.6068,
184.2734, 208.4519

■ 12.1606, 15.4281,
18.3178

199.2142,
225.9429, 254.9523

■ 6.9262, 9.1204,
11.0066

242.2453,
273.4635, 307.8998

■ 3.4619, 4.8198,
5.9571

291.0656,

■ 1.4025, 2.1419,

327.2195, 367.7129

2.7506

346.0403,
387.5954, 434.8101

■ 0.2580, 0.6880,
0.9688

■ 0.0000, 0.0000,
0.0000

■ 58.1078, 68.4180,
78.5500

■ 58.1078, 68.4180,
78.5500

■ 53.1513, 65.8933,
77.0216

■ 63.9161, 71.3850,
80.1357

■ 48.9992, 63.7812,
75.5440

■ 70.6087, 74.8058,
81.7760

■ 45.6086, 62.0614,
74.1165

■ 78.2239, 78.7019,
83.4742

■ 42.9303, 60.7085,
72.7368

■ 82.2405, 80.7425,
85.0186

40.9092, 59.6940,
71.4022

82.5033, 80.8476,
86.4022

39.4822, 58.9855,
70.1098

82.7688, 80.9538,
87.8007

38.5737, 58.5439,
68.8560

83.0373, 81.0612,
89.2142

38.0964, 58.3209,
67.7954

83.3086, 81.1697,
90.6427

83.5827, 81.2794,
92.0864

Harmonies

Analogous

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



58.3558, 68.4180, 67.8666



58.1078, 68.4180, 78.5500



59.6593, 68.4180, 89.0916

Triad

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



58.1078, 68.4180, 78.5500



69.9439, 68.4180, 91.4655



67.4455, 68.4180, 56.3928

Complementary

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



58.1078, 68.4180, 78.5500



55.1164, 50.7899, 50.6173

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.



70.7122, 68.4180, 61.5877



58.1078, 68.4180, 78.5500



72.1931, 68.4180, 81.5427

Square

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



58.1078, 68.4180, 78.5500



66.4300, 68.4180, 97.0177



72.4796, 68.4180, 70.5831



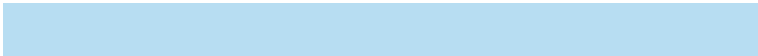
63.6484, 68.4180, 55.7603

Rectangle

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



58.1078, 68.4180, 78.5500



61.5420, 68.4180, 94.3563



72.4796, 68.4180, 70.5831



68.6458, 68.4180, 57.6378

Sweetspot

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



58.1098, 68.4208, 78.5515



89.4386, 97.1309, 107.5687



54.1073, 66.9484, 51.6667



19.0185, 20.7261, 22.9935



0.0000, 0.0000, 0.0000



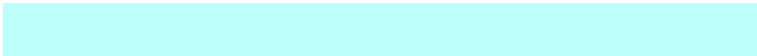
20.3446, 21.4041, 23.3091

Same Dimension

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



58.1098, 68.4208, 78.5515



73.8444, 89.1695, 103.3277



53.7473, 58.8320, 79.7603



14.0647, 15.5516, 17.3758



21.9730, 33.6141, 39.1766



1.5378, 2.3358, 2.7933

Inverse Universe

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



55.1164, 50.7899, 50.6173



69.1365, 61.4316, 59.3874



58.7746, 58.7543, 49.8391



13.7534, 13.7190, 14.4716



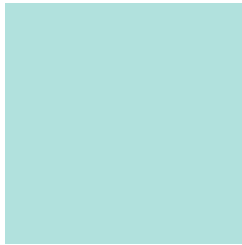
17.9771, 9.2578, 1.2792



1.2624, 0.6482, 0.1746

Previews

White Background



This preview shows how the XYZ color 58.1078, 68.4180, 78.5500 looks on a white background.

Color Contrast Check

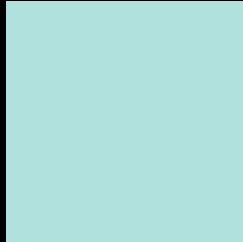
Large Text (above 18pt) WCAG AA × Fail

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 58.1078, 68.4180, 78.5500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

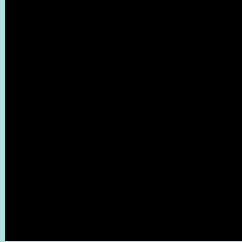
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

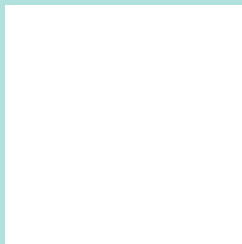
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.1078, 68.4180, 78.5500

Background



This preview shows how black text looks on a background with the XYZ color 58.1078, 68.4180, 78.5500.

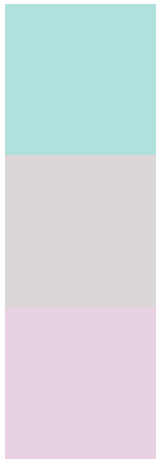


This preview shows how white text looks on a background with the XYZ color 58.1078, 68.4180,

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
58.1078, 68.4180, 78.5500
Protanopia
65.5257, 68.0595, 73.9732
Deuteranopia
69.5337, 68.1386, 80.0082



Tritanopia

60.9055, 68.3576, 92.4223

Trichromacy



Original Color

58.1078, 68.4180, 78.5500

Protanomaly

62.4976, 67.9899, 75.4750

Deuteranomaly

64.7711, 67.9256, 79.5092

Tritanomaly

59.9180, 68.3618, 87.1279

Monochromacy



Original Color

58.1078, 68.4180, 78.5500

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.7267, 65.4617, 73.1058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1078, 68.4180, 78.5500 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(177, 225, 221)` looks like.

```
.text, #text, p{  
    color:rgb(177, 225, 221)  
}
```

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(177, 225, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 225, 221) }
```

Border

The CSS property to change the border of an element to XYZ 58.1078, 68.4180, 78.5500 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(177, 225, 221) }
```


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

```
.border{ border-color:rgb(177, 225, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 225, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 225, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 225, 221);  
box-shadow:4px 4px 4px 4px rgb(177, 225,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1078, 68.4180, 78.5500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 225, 221) }
```

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

```
.background{ background-color: rgb(177,  
225, 221) }
```

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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