

Converting Colors

XYZ(58.3423, 68.7086, 81.8529)

Have a look what the booklet for
XYZ(58.3423, 68.7086, 81.8529)
contains.

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Color

**XYZ(58.6030, 68.9977,
82.1807)**

Conversions

Conversions Part 1

Format	Color
Hex	AFE2E2
RGB	175, 226, 226
RGB Percent	69%, 89%, 89%
CMY	0.3137, 0.1137, 0.1137
CMYK	0.23, 0.00, 0.00, 0.11
HSL	180°, 47%, 79%
HSV	180°, 23%, 89%
XYZ	58.6030, 68.9977, 82.1807
YIQ	210.7510, -30.3960, -10.8120

Conversions

Conversions Part 2

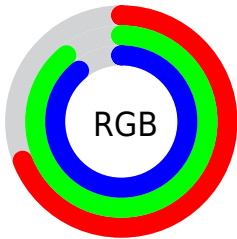
Format	Color
RYB	175, 201, 226
Decimal	11526882
CIELab	86.50, -16.26, -5.37
CIELCh	87, 17.123, 198.266
Yxy	68.9977, 0.2794, 0.3289
Android (android.graphics.Color)	4289716962 (0xFFAFE2E2)
YUV	210.7510, 7.5178, -31.3536
Hunter-Lab	83.0649, -19.4301, -0.5135

Details

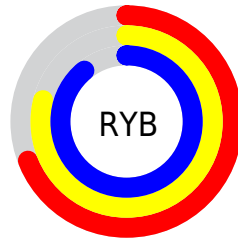
The XYZ color **58.6030, 68.9977, 82.1807** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.4343, 49.9257, 47.3278**, and the grayscale version is **61.7205, 64.9348, 70.7140**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **29.7988, 36.1310, 43.9315** is the 20% darker color. If you saturate the color by 10%, you get **53.9494, 66.6005, 81.9634**, and if you desaturate by 10%, it is **64.1096, 71.8382, 82.4408**.

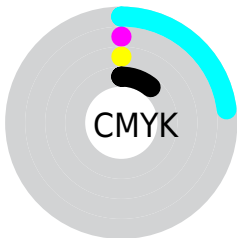
Distribution



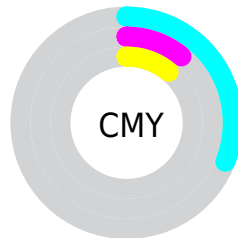
- Red (69%)
- Green (89%)
- Blue (89%)



- Red (69%)
- Yellow (79%)
- Blue (89%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (31%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6030, 68.9977, 82.1807 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 58.6030, 68.9977, 82.1807 by changing the saturation by 10% instead.

■ 58.6030, 68.9977,
82.1807

■ 58.6030, 68.9977,
82.1807

409.3468,
457.0229, 522.1512

■ 42.5388, 50.7098,
60.9778

■ 101.9184,
117.7783, 138.2663

■ 29.7163, 35.9777,
43.7768

129.9002,
149.0398, 173.9862

■ 19.7704, 24.4170,
30.1592

162.5853,
185.3947, 215.3820

■ 12.3355, 15.6432,
19.7064

200.3390,
227.2273, 262.8725

■ 7.0464, 9.2721,
11.9998

243.5266,
274.9220, 316.8761

■ 3.5378, 4.9191,
6.6210


292.5136,

■ 1.4441, 2.1998,


328.8632, 377.8114


3.1514


347.6652,
389.4354, 446.0970

 0.2873, 0.7199,
1.1725


 0.0000, 0.0000,
0.0000


 58.6030, 68.9977,
82.1807


 58.6030, 68.9977,
82.1807


 53.9494, 66.6005,
81.9634


 64.1096, 71.8382,
82.4408


 50.1004, 64.6163,
81.7824

 70.5024, 75.1338,
82.7410

 47.0123, 63.0243,
81.6369

 77.8203, 78.9063,
83.0844

 44.6347, 61.7986,
81.5247

 82.1660, 81.1466,
83.2887

42.9110, 60.9101,
81.4430

82.1662, 81.1466,
83.2897

41.7761, 60.3250,
81.3890

82.1664, 81.1467,
83.2906

41.1516, 60.0031,
81.3588

82.1666, 81.1468,
83.2916

40.9239, 59.8857,
81.3474

82.1667, 81.1469,
83.2926

82.1669, 81.1469,
83.2935

Harmonies

Analogous

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



58.3947, 68.9977, 70.7727



58.6030, 68.9977, 82.1807



60.6345, 68.9977, 92.6284

Triad

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



58.6030, 68.9977, 82.1807



71.4362, 68.9977, 90.6204



67.1432, 68.9977, 55.7108

Complementary

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



58.6030, 68.9977, 82.1807



54.4343, 49.9257, 47.3278

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.



70.7878, 68.9977, 59.9814



58.6030, 68.9977, 82.1807



73.3324, 68.9977, 79.6558

Square

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



58.6030, 68.9977, 82.1807



67.9991, 68.9977, 97.8292



73.0904, 68.9977, 68.4885



63.2194, 68.9977, 56.2400

Rectangle

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



58.6030, 68.9977, 82.1807



62.7971, 68.9977, 97.2911



73.0904, 68.9977, 68.4885



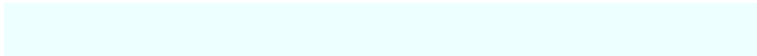
68.4444, 68.9977, 56.6135

Sweetspot

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



58.6050, 69.0005, 82.1823



88.7850, 96.7703, 108.6059



52.8068, 66.7033, 50.6505



18.8940, 20.6563, 23.2410



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.



58.6050, 69.0005, 82.1823



74.0955, 89.1976, 107.9159



52.3770, 56.5438, 80.1083



14.1166, 15.5724, 17.6492



23.3460, 34.1633, 46.4067



1.6182, 2.3680, 3.2167

Inverse Universe

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



54.4343, 49.9257, 47.3278



67.7098, 59.9928, 54.5514



59.6777, 60.4129, 49.0742



13.7073, 13.7006, 14.2290



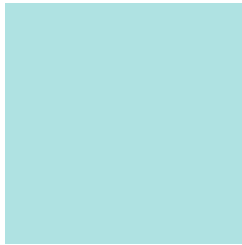
17.8932, 9.2243, 0.8377



1.2403, 0.6394, 0.0581

Previews

White Background



This preview shows how the XYZ color 58.6030, 68.9977, 82.1807 looks on a white background.

Color Contrast Check

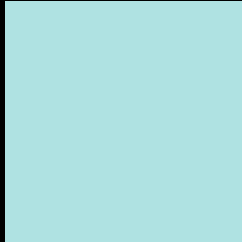
Large Text (above 18pt) WCAG AA × Fail

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 58.6030, 68.9977, 82.1807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

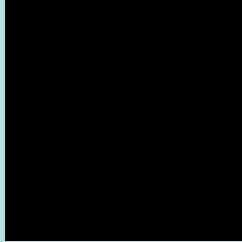
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.6030, 68.9977, 82.1807

Background



This preview shows how black text looks on a background with the XYZ color 58.6030, 68.9977, 82.1807.

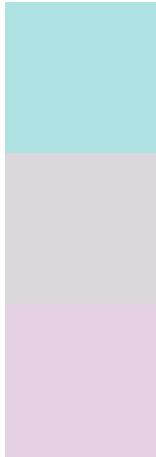


This preview shows how white text looks on a background with the XYZ color 58.6030, 68.9977,

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

58.6030, 68.9977, 82.1807

Protanopia

66.3000, 68.7754, 76.7984

Deuteranopia

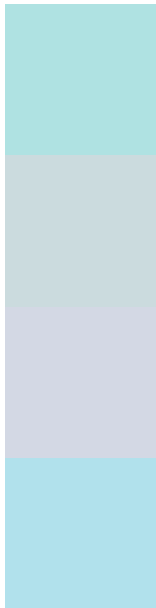
70.1444, 68.7393, 83.6997



Tritanopia

60.8929, 69.1272, 93.3526

Trichromacy



Original Color

58.6030, 68.9977, 82.1807

Protanomaly

63.1449, 68.6335, 79.0267

Deuteranomaly

65.4234, 68.5621, 83.1844

Tritanomaly

60.1970, 69.2537, 89.5515

Monochromacy



Original Color

58.6030, 68.9977, 82.1807

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.2392, 66.0754, 74.5446

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6030, 68.9977, 82.1807 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(175, 226, 226)` looks like.

```
.text, #text, p{  
    color:rgb(175, 226, 226)  
}
```

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(175, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 226, 226) }
```

Border

The CSS property to change the border of an element to XYZ 58.6030, 68.9977, 82.1807 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(175, 226, 226) }
```


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

```
.border{ border-color:rgb(175, 226, 226) }
```

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

Here you see how a box with a 4 pixel rgb(175, 226, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(175, 226,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6030, 68.9977, 82.1807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 226, 226) }
```

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

```
.background{ background-color: rgb(175,  
226, 226) }
```

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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