

Converting Colors

XYZ(57.9402, 67.9857, 80.3697)

Have a look what the booklet for
XYZ(57.9402, 67.9857, 80.3697)
contains.

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Color

**XYZ(58.0147, 67.9232,
80.5738)**

Conversions

Conversions Part 1

Format	Color
Hex	B0E0E0
RGB	176, 224, 224
RGB Percent	69%, 88%, 88%
CMY	0.3098, 0.1216, 0.1216
CMYK	0.21, 0.00, 0.00, 0.12
HSL	180°, 44%, 78%
HSV	180°, 21%, 88%
XYZ	58.0147, 67.9232, 80.5738
YIQ	209.6480, -28.6080, -10.1760

Conversions

Conversions Part 2

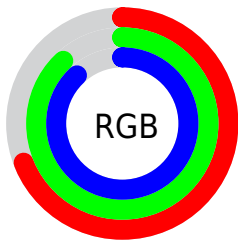
Format	Color
RYB	176, 200, 224
Decimal	11591904
CIELab	85.97, -15.38, -5.09
CIElCh	86, 16.205, 198.322
Yxy	67.9232, 0.2809, 0.3289
Android (android.graphics.Color)	4289781984 (0xFFB0E0E0)
YUV	209.6480, 7.0755, -29.5093
Hunter-Lab	82.4155, -18.5758, -0.2742

Details

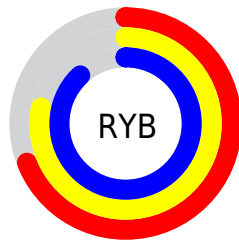
The XYZ color **58.0147, 67.9232, 80.5738** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.1047, 50.0345, 47.8831**, and the grayscale version is **60.9979, 64.1746, 69.8861**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **29.3754, 35.3781, 42.8165** is the 20% darker color. If you saturate the color by 10%, you get **53.3622, 65.5265, 80.3566**, and if you desaturate by 10%, it is **63.5069, 70.7562, 80.8332**.

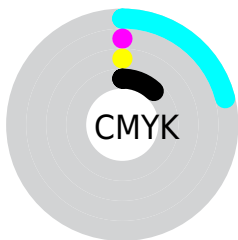
Distribution



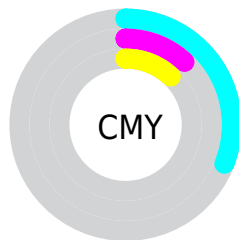
- Red (69%)
- Green (88%)
- Blue (88%)



- Red (69%)
- Yellow (78%)
- Blue (88%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0147, 67.9232, 80.5738 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 58.0147, 67.9232, 80.5738 by changing the saturation by 10% instead.

■ 58.0147, 67.9232,
80.5738

■ 58.0147, 67.9232,
80.5738

407.1937,
453.2239, 516.6222

■ 42.0638, 49.8353,
59.6617

■ 101.0671,
116.2423, 135.9908

■ 29.3426, 35.2825,
42.7225

128.8993,
147.2422, 171.3329

■ 19.4857, 23.8806,
29.3377

161.4226,
183.3149, 212.3220

■ 12.1278, 15.2451,
19.0886

199.0024,
224.8447, 259.3766

■ 6.9036, 8.9916,
11.5569

242.0041,
272.2162, 312.9155

■ 3.4477, 4.7357,
6.3239

290.7930,

■ 1.3947, 2.0930,

325.8136, 373.3570

2.9710

345.7344,
386.0213, 441.1197

■ 0.2524, 0.6607,
1.0799

■ 0.0000, 0.0000,
0.0000

■ 58.0147, 67.9232,
80.5738

■ 58.0147, 67.9232,
80.5738

■ 53.3622, 65.5265,
80.3566

■ 63.5069, 70.7562,
80.8332

■ 49.5026, 63.5368,
80.1750

■ 69.8709, 74.0370,
81.1320

■ 46.3933, 61.9340,
80.0286

■ 77.1447, 77.7868,
81.4733

■ 43.9856, 60.6928,
79.9150

■ 81.3523, 79.9558,
81.6711

■ 42.2251, 59.7852,
79.8317

■ 81.3525, 79.9559,
81.6721

■ 41.0491, 59.1790,
79.7757

■ 81.3527, 79.9560,
81.6730

■ 40.3828, 58.8355,
79.7436

■ 81.3528, 79.9561,
81.6740

■ 40.1102, 58.6950,
79.7300

■ 81.3530, 79.9561,
81.6749

■ 81.3532, 79.9562,
81.6758

Harmonies

Analogous

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



57.8154, 67.9232, 69.8942



58.0147, 67.9232, 80.5738



59.9262, 67.9232, 90.3070

Triad

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



58.0147, 67.9232, 80.5738



70.0406, 67.9232, 88.4057



66.0151, 67.9232, 55.6829

Complementary

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



58.0147, 67.9232, 80.5738



54.1047, 50.0345, 47.8831

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.



69.4245, 67.9232, 59.7097



58.0147, 67.9232, 80.5738



71.8075, 67.9232, 78.1739

Square

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



58.0147, 67.9232, 80.5738



66.8299, 67.9232, 95.1189



71.5777, 67.9232, 67.7124



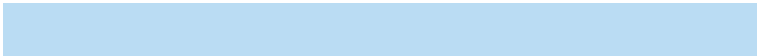
62.3401, 67.9232, 56.1922

Rectangle

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



58.0147, 67.9232, 80.5738



61.9570, 67.9232, 94.6354



71.5777, 67.9232, 67.7124



67.2327, 67.9232, 56.5339

Sweetspot

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



58.0167, 67.9260, 80.5753



89.6433, 97.2127, 108.6462



52.5801, 65.7723, 50.9997



19.0671, 20.7455, 23.2491



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.



58.0167, 67.9260, 80.5753



74.7213, 89.5202, 107.9454



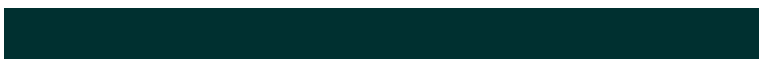
52.2011, 56.2942, 78.6387



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.



54.1047, 50.0345, 47.8831



68.5263, 61.1875, 56.1744



59.0488, 59.9232, 49.5298



13.7073, 13.7006, 14.2290



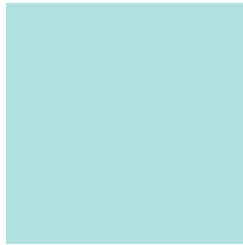
17.8932, 9.2243, 0.8377



1.2403, 0.6394, 0.0581

Previews

White Background



This preview shows how the XYZ color 58.0147, 67.9232, 80.5738 looks on a white background.

Color Contrast Check

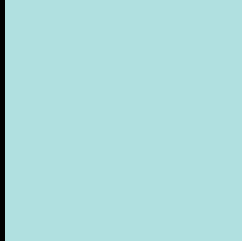
Large Text (above 18pt) WCAG AA × Fail

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 58.0147, 67.9232, 80.5738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

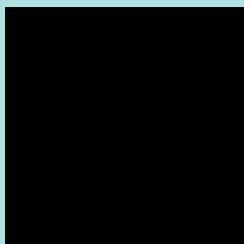
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

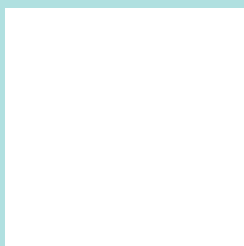
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0147, 67.9232, 80.5738

Background



This preview shows how black text looks on a background with the XYZ color 58.0147, 67.9232, 80.5738.

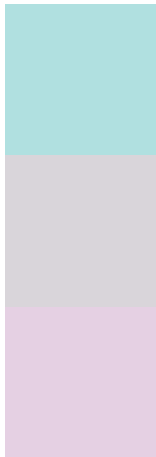


This preview shows how white text looks on a background with the XYZ color 58.0147, 67.9232,

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

58.0147, 67.9232, 80.5738

Protanopia

65.0644, 67.4022, 75.9103

Deuteranopia

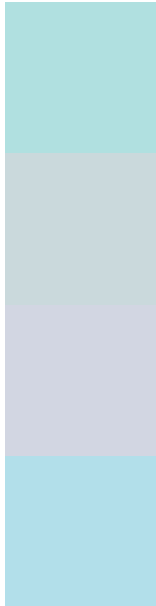
68.7341, 67.3158, 82.0436



Tritanopia

60.2917, 68.0583, 91.6202

Trichromacy



Original Color

58.0147, 67.9232, 80.5738

Protanomaly

62.0882, 67.3496, 77.4375

Deuteranomaly

64.3524, 67.2858, 81.5472

Tritanomaly

59.5991, 68.1808, 87.8609

Monochromacy



Original Color

58.0147, 67.9232, 80.5738

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.8549, 65.5129, 73.7806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0147, 67.9232, 80.5738 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(176, 224, 224)` looks like.

```
.text, #text, p{  
    color:rgb(176, 224, 224)  
}
```

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(176, 224, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 224, 224) }
```

Border

The CSS property to change the border of an element to XYZ 58.0147, 67.9232, 80.5738 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(176, 224, 224) }
```


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

```
.border{ border-color:rgb(176, 224, 224) }
```

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

Here you see how a box with a 4 pixel rgb(176, 224, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 224, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 224, 224);  
box-shadow:4px 4px 4px 4px rgb(176, 224,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0147, 67.9232, 80.5738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 224, 224) }
```

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

```
.background{ background-color: rgb(176,  
224, 224) }
```

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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