

Converting Colors

XYZ(59.4657, 69.8313, 83.0177)

Have a look what the booklet for
XYZ(59.4657, 69.8313, 83.0177)
contains.

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Color

**XYZ(59.4657, 69.8313,
83.0177)**

Conversions

Conversions Part 1

Format	Color
Hex	B1E3E3
RGB	177, 227, 227
RGB Percent	69%, 89%, 89%
CMY	0.3059, 0.1098, 0.1098
CMYK	0.22, 0.00, 0.00, 0.11
HSL	180°, 47%, 79%
HSV	180°, 22%, 89%
XYZ	59.4657, 69.8313, 83.0177
YIQ	212.0500, -29.8000, -10.6000

Conversions

Conversions Part 2

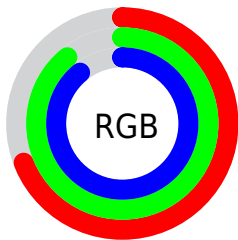
Format	Color
RYB	177, 202, 227
Decimal	11658211
CIELab	86.91, -15.95, -5.27
CIELCh	87, 16.803, 198.292
Yxy	69.8313, 0.2801, 0.3289
Android (android.graphics.Color)	4289848291 (0xFFB1E3E3)
YUV	212.0500, 7.3703, -30.7389
Hunter-Lab	83.5651, -19.2167, -0.4060

Details

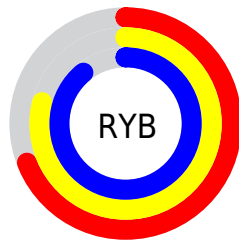
The XYZ color **59.4657, 69.8313, 83.0177** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.3390, 50.9515, 48.5158**, and the grayscale version is **62.5809, 65.8400, 71.6998**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **30.3673, 36.6946, 44.5120** is the 20% darker color. If you saturate the color by 10%, you get **54.7195, 67.3864, 82.7962**, and if you desaturate by 10%, it is **65.0760, 72.7253, 83.2826**.

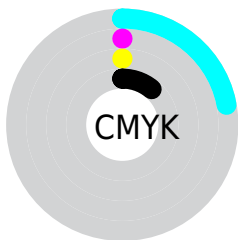
Distribution



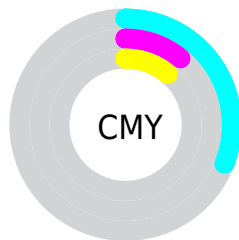
- Red (69%)
- Green (89%)
- Blue (89%)



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



- Cyan (22%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4657, 69.8313, 83.0177 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 59.4657, 69.8313, 83.0177 by changing the saturation by 10% instead.

■ 59.4657, 69.8313,
83.0177

■ 59.4657, 69.8313,
83.0177

412.4919,
459.9574, 525.0181

■ 43.2359, 51.3890,
61.6641

■ 103.1650,
118.9681, 139.4497

■ 30.2656, 36.5183,
44.3273

131.3652,
150.4315, 175.3652

■ 20.1893, 24.8348,
30.5888

164.2863,
187.0040, 216.9716

■ 12.6418, 15.9540,
20.0301

202.2935,
229.0700, 264.6876

■ 7.2577, 9.4916,
12.2326

245.7524,
277.0140, 318.9317

■ 3.6715, 5.0632,
6.7779

295.0282,

■ 1.5180, 2.2844,

331.2203, 380.1225

3.2472

350.4862,
392.0733, 448.6784

■ 0.3381, 0.7654,
1.2222

■ 0.0000, 0.0000,
0.0000

■ 59.4657, 69.8313,
83.0177

■ 59.4657, 69.8313,
83.0177

■ 54.7195, 67.3864,
82.7962

■ 65.0760, 72.7253,
83.2826

■ 50.7889, 65.3601,
82.6113

■ 71.5840, 76.0803,
83.5881

■ 47.6297, 63.7315,
82.4626

■ 79.0287, 79.9181,
83.9374

■ 45.1912, 62.4744,
82.3475

■ 82.5763, 81.7470,
84.1044

■ 43.4168, 61.5597,
82.2636

■ 82.5765, 81.7471,
84.1053

■ 42.2411, 60.9536,
82.2077

■ 82.5767, 81.7471,
84.1062

■ 41.5858, 60.6158,
82.1761

■ 82.5768, 81.7472,
84.1071

■ 41.3343, 60.4862,
82.1636

■ 82.5770, 81.7473,
84.1080

■ 82.5772, 81.7473,
84.1089

Harmonies

Analogous

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



59.2576, 69.8313, 71.7348



59.4657, 69.8313, 83.0177



61.4797, 69.8313, 93.3276

Triad

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



59.4657, 69.8313, 83.0177



72.1641, 69.8313, 91.3308



67.9149, 69.8313, 56.7835

Complementary

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



59.4657, 69.8313, 83.0177



55.3390, 50.9515, 48.5158

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.



71.5183, 69.8313, 61.0214



59.4657, 69.8313, 83.0177



74.0354, 69.8313, 80.5025

Square

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



59.4657, 69.8313, 83.0177



68.7681, 69.8313, 98.4433



73.7945, 69.8313, 69.4542



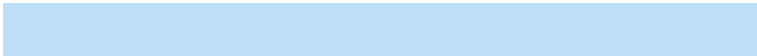
64.0333, 69.8313, 57.3137

Rectangle

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



59.4657, 69.8313, 83.0177



63.6217, 69.8313, 97.9211



73.7945, 69.8313, 69.4542



69.2016, 69.8313, 57.6792

Sweetspot

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



59.4677, 69.8341, 83.0193



88.7850, 96.7703, 108.6060



53.7289, 67.5606, 51.8051



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.



59.4677, 69.8341, 83.0193



74.7213, 89.5203, 107.9456



53.3153, 57.5286, 80.9703



14.8075, 16.3364, 18.5169



24.1053, 35.2742, 47.9161



1.7813, 2.6066, 3.5409

Inverse Universe

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



55.3390, 50.9515, 48.5158



68.5263, 61.1875, 56.1743



60.5424, 61.3587, 50.2489



14.3771, 14.3680, 14.9202



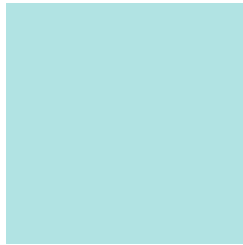
18.4751, 9.5243, 0.8649



1.3653, 0.7038, 0.0640

Previews

White Background



This preview shows how the XYZ color 59.4657, 69.8313, 83.0177 looks on a white background.

Color Contrast Check

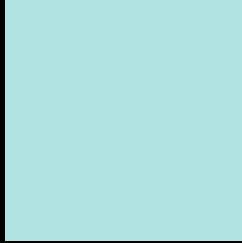
Large Text (above 18pt) WCAG AA × Fail

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 59.4657, 69.8313, 83.0177 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 59.4657, 69.8313, 83.0177

Background



This preview shows how black text looks on a background with the XYZ color 59.4657, 69.8313, 83.0177.

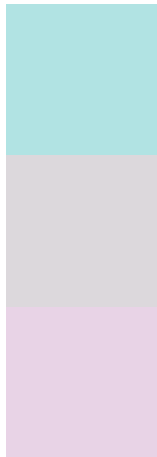


This preview shows how white text looks on a background with the XYZ color 59.4657, 69.8313,

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

59.4657, 69.8313, 83.0177

Protanopia

66.9893, 69.4947, 77.5932

Deuteranopia

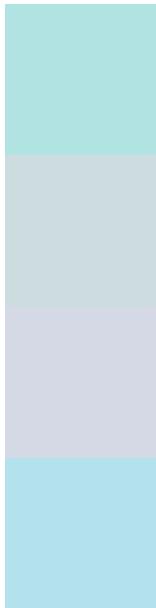
70.8559, 69.4575, 84.5350



Tritanopia

61.9253, 70.0248, 95.0463

Trichromacy



Original Color

59.4657, 69.8313, 83.0177

Protanomaly

63.8143, 69.3515, 79.8348

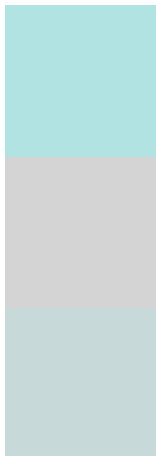
Deuteranomaly

66.1071, 69.2799, 84.0169

Tritanomaly

61.0728, 70.0908, 90.4308

Monochromacy



Original Color

59.4657, 69.8313, 83.0177

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

60.8904, 66.7776, 75.3257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4657, 69.8313, 83.0177 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, 227, 227)` looks like.

```
.text, #text, p{  
    color:rgb(177, 227, 227)  
}
```

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, 227, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 227, 227) }
```

Border

The CSS property to change the border of an element to XYZ 59.4657, 69.8313, 83.0177 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, 227, 227) }
```


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

```
.border{ border-color:rgb(177, 227, 227) }
```

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

Here you see how a box with a 4 pixel rgb(177, 227, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 227, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 227, 227);  
box-shadow:4px 4px 4px 4px rgb(177, 227,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4657, 69.8313, 83.0177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 227, 227) }
```

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

```
.background{ background-color: rgb(177,  
227, 227) }
```

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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