

Converting Colors

XYZ(59.5223, 69.5864, 85.1334)

Have a look what the booklet for
XYZ(59.5223, 69.5864, 85.1334)
contains.

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Color

**XYZ(59.3838, 69.3360,
85.1162)**

Conversions

Conversions Part 1

Format	Color
Hex	B0E2E6
RGB	176, 226, 230
RGB Percent	69%, 89%, 90%
CMY	0.3098, 0.1137, 0.0980
CMYK	0.23, 0.02, 0.00, 0.10
HSL	184°, 52%, 80%
HSV	184°, 23%, 90%
XYZ	59.3838, 69.3360, 85.1162
YIQ	211.5060, -31.0840, -9.3560

Conversions

Conversions Part 2

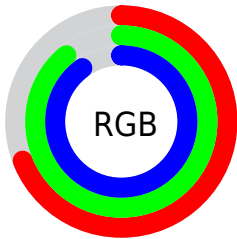
Format	Color
R _Y B	176, 202, 230
Decimal	11592422
CIE Lab	86.67, -15.10, -7.22
CIE LCh	87, 16.737, 205.559
Yxy	69.3360, 0.2777, 0.3242
Android (android.graphics.Color)	4289782502 (0xFFB0E2E6)
YUV	211.5060, 9.1175, -31.1388
Hunter-Lab	83.2682, -18.4199, -2.3180

Details

The XYZ color **59.3838, 69.3360, 85.1162** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.7916, 52.6004, 48.2354**, and the grayscale version is **62.2095, 65.4492, 71.2742**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **30.3268, 36.3585, 45.9769** is the 20% darker color. If you saturate the color by 10%, you get **54.1574, 65.9596, 84.7411**, and if you desaturate by 10%, it is **65.5000, 73.1815, 85.5372**.

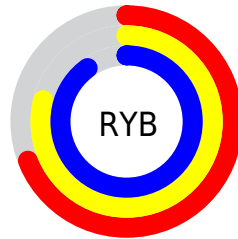
Distribution



Red (69%)

Green (89%)

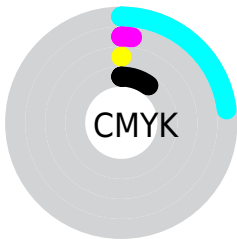
Blue (90%)



Red (69%)

Yellow (79%)

Blue (90%)

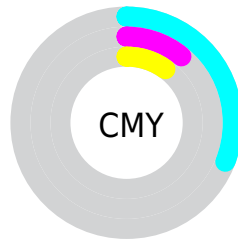


Cyan (23%)

Magenta (2%)

Yellow (0%)

Black (10%)



Cyan (31%)

Magenta (11%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3838, 69.3360, 85.1162 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 59.3838, 69.3360, 85.1162 by changing the saturation by 10% instead.

■ 59.3838, 69.3360,
85.1162

■ 59.3838, 69.3360,
85.1162

412.1940,
458.2151, 532.1671

■ 43.1697, 50.9854,
63.3867

■ 103.0467,
118.2614, 142.4111

■ 30.2134, 36.1970,
45.7111

131.2262,
149.6049, 178.8136

■ 20.1495, 24.5864,
31.6709

164.1250,
186.0482, 220.9442

■ 12.6127, 15.7692,
20.8475

202.1083,
227.9757, 269.2214

■ 7.2375, 9.3610,
12.8224

245.5414,
275.7717, 324.0637

■ 3.6587, 4.9774,
7.1771

294.7899,

■ 1.5109, 2.2340,

329.8207, 385.8898

3.4930

350.2189,
390.5071, 455.1180

■ 0.3333, 0.7384,
1.3515

■ 0.0000, 0.0000,
0.1035

■ 59.3838, 69.3360,
85.1162

■ 59.3838, 69.3360,
85.1162

■ 54.1574, 65.9596,
84.7411

■ 65.5000, 73.1815,
85.5372

■ 49.7702, 63.0208,
84.4051

■ 72.5410, 77.5088,
86.0014

■ 46.1761, 60.4977,
84.1075

■ 80.5477, 82.3408,
86.5121

■ 43.3218, 58.3627,
83.8458

■ 84.6095, 85.1461,
86.8394

■ 41.1476, 56.5851,
83.6173

■ 85.0934, 86.1137,
87.0007

■ 39.5845, 55.1293,
83.4187

■ 85.5818, 87.0906,
87.1635

■ 38.5487, 53.9520,
83.2461

■ 86.0750, 88.0769,
87.3279

■ 38.0715, 53.2899,
83.1434

■ 86.5728, 89.0725,
87.4939

■ 87.0753, 90.0776,
87.6614

Harmonies

Analogous

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



58.7245, 69.3360, 73.8492



59.3838, 69.3360, 85.1162



61.7628, 69.3360, 94.5686

Triad

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



59.3838, 69.3360, 85.1162



72.2627, 69.3360, 88.2652



66.4824, 69.3360, 56.0945

Complementary

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



59.3838, 69.3360, 85.1162



56.7916, 52.6004, 48.2354

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.



70.2217, 69.3360, 59.1758



59.3838, 69.3360, 85.1162



73.6412, 69.3360, 77.1654

Square

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



59.3838, 69.3360, 85.1162



69.1807, 69.3360, 96.5085



72.8801, 69.3360, 66.6278



62.7281, 69.3360, 57.7774

Rectangle

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



59.3838, 69.3360, 85.1162



64.0547, 69.3360, 98.1896



72.8801, 69.3360, 66.6278



67.7841, 69.3360, 56.5983

Sweetspot

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



59.3858, 69.3388, 85.1178



88.3651, 95.9302, 108.4668



54.4002, 69.1040, 53.4393



18.7964, 20.4611, 23.2087



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.



59.3858, 69.3388, 85.1178



71.8185, 85.5552, 107.3363



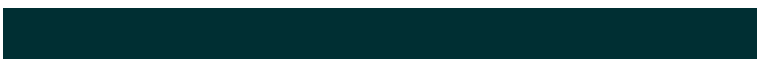
52.7044, 55.9759, 82.8906



14.7114, 16.1441, 18.4851



21.5932, 30.2485, 47.0836



1.6231, 2.2901, 3.4885

Inverse Universe

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



61.8876, 53.3662, 78.9936



75.5081, 62.2593, 98.2458



62.6869, 64.3910, 50.2005



14.9467, 14.5958, 17.9194



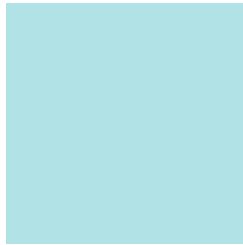
25.2928, 12.2513, 36.7662



1.8829, 0.9109, 2.7897

Previews

White Background



This preview shows how the XYZ color 59.3838, 69.3360, 85.1162 looks on a white background.

Color Contrast Check

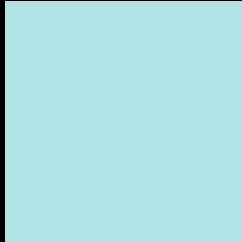
Large Text (above 18pt) WCAG AA × Fail

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 59.3838, 69.3360, 85.1162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

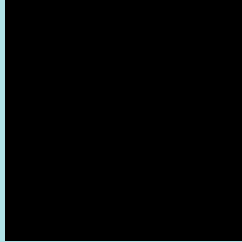
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.3838, 69.3360, 85.1162

Background



This preview shows how black text looks on a background with the XYZ color 59.3838, 69.3360, 85.1162.

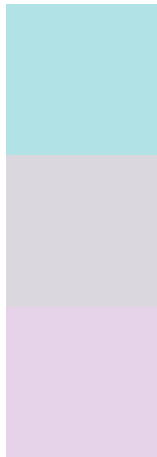


This preview shows how white text looks on a background with the XYZ color 59.3838, 69.3360,

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

59.3838, 69.3360, 85.1162

Protanopia

66.5332, 68.8340, 79.5917

Deuteranopia

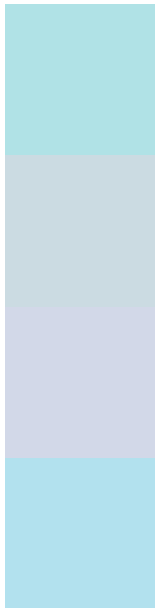
70.3877, 68.7994, 86.6606



Tritanopia

61.2731, 69.3058, 94.1523

Trichromacy



Original Color

59.3838, 69.3360, 85.1162

Protanomaly

63.6876, 68.8505, 81.8843

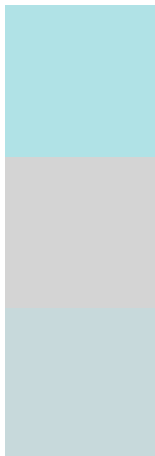
Deuteranomaly

65.6997, 68.6396, 86.1299

Tritanomaly

60.7179, 69.4885, 91.1014

Monochromacy



Original Color

59.3838, 69.3360, 85.1162

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.1522, 66.8823, 76.7043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3838, 69.3360, 85.1162 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, 226, 230)` looks like.

```
.text, #text, p{  
    color:rgb(176, 226, 230)  
}
```

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, 226, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 226, 230) }
```

Border

The CSS property to change the border of an element to XYZ 59.3838, 69.3360, 85.1162 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, 226, 230) }
```


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

```
.border{ border-color:rgb(176, 226, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 226, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 226, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 226, 230);  
box-shadow:4px 4px 4px 4px rgb(176, 226,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3838, 69.3360, 85.1162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 226, 230) }
```

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

```
.background{ background-color: rgb(176,  
226, 230) }
```

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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