

Converting Colors

XYZ(58.0200, 66.5948, 86.8869)

Have a look what the booklet for
XYZ(58.0200, 66.5948, 86.8869)
contains.

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Color

**XYZ(58.0200, 66.5948,
86.8869)**

Conversions

Conversions Part 1

Format	Color
Hex	AEDDE9
RGB	174, 221, 233
RGB Percent	68%, 87%, 91%
CMY	0.3176, 0.1333, 0.0863
CMYK	0.25, 0.05, 0.00, 0.09
HSL	192°, 57%, 80%
HSV	192°, 25%, 91%
XYZ	58.0200, 66.5948, 86.8869
YIQ	208.3150, -31.8640, -6.2320

Conversions

Conversions Part 2

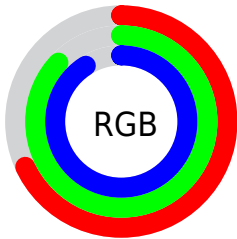
Format	Color
RYB	174, 200, 233
Decimal	11460073
CIELab	85.30, -12.49, -10.85
CIELCh	85, 16.544, 221.000
Yxy	66.5948, 0.2743, 0.3149
Android (android.graphics.Color)	4289650153 (0xFFFAEDDE9)
YUV	208.3150, 12.1697, -30.0943
Hunter-Lab	81.6056, -15.8999, -6.0031

Details

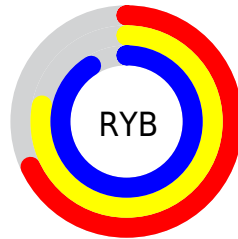
The XYZ color **58.0200, 66.5948, 86.8869** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.8039, 55.4978, 47.6587**, and the grayscale version is **60.0985, 63.2283, 68.8556**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **29.3178, 34.4398, 46.6973** is the 20% darker color. If you saturate the color by 10%, you get **52.0397, 61.6825, 86.2550**, and if you desaturate by 10%, it is **64.9399, 72.0472, 87.5757**.

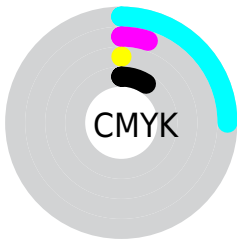
Distribution



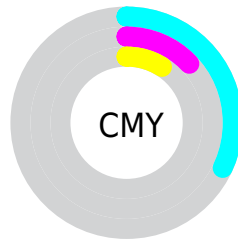
- Red (68%)
- Green (87%)
- Blue (91%)



- Red (68%)
- Yellow (78%)
- Blue (91%)



- Cyan (25%)
- Magenta (5%)
- Yellow (0%)
- Black (9%)



- Cyan (32%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0200, 66.5948, 86.8869 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 58.0200, 66.5948, 86.8869 by changing the saturation by 10% instead.

■ 58.0200, 66.5948,
86.8869

■ 58.0200, 66.5948,
86.8869

407.2131,
448.5011, 538.1577

■ 42.0681, 48.7554,
64.8425

■ 101.0748,
114.3396, 144.9040

■ 29.3459, 34.4255,
46.8829

128.9083,
145.0138, 181.7137

■ 19.4883, 23.2207,
32.5894

161.4331,
180.7351, 224.2824

■ 12.1297, 14.7565,
21.5435

199.0145,
221.8878, 273.0284

■ 6.9049, 8.6487,
13.3268

242.0178,
268.8564, 328.3705

■ 3.4485, 4.5128,
7.5206

290.8085,

■ 1.3951, 1.9643,

322.0252, 390.7270

3.7064

345.7518,
381.7786, 460.5166

■ 0.2528, 0.5866,
1.4657

■ 0.0000, 0.0000,
0.1922

■ 58.0200, 66.5948,
86.8869

■ 58.0200, 66.5948,
86.8869

■ 52.0397, 61.6825,
86.2550

■ 64.9399, 72.0472,
87.5757

■ 46.9464, 57.2778,
85.6733

■ 72.8369, 78.0545,
88.3190

■ 42.6911, 53.3567,
85.1407

■ 81.7537, 84.6408,
89.1203

■ 39.2175, 49.8896,
84.6546

■ 87.0954, 89.4377,
89.7647

■ 36.4621, 46.8435,
84.2118

■ 88.5082, 92.2632,
90.2356

■ 34.3510, 44.1798,
83.8090

■ 89.9576, 95.1621,
90.7188

■ 32.7937, 41.8513,
83.4416

■ 91.4440, 98.1350,
91.2142

■ 32.1875, 40.8419,
83.2787

■ 91.7082, 98.6633,
91.3023

Harmonies

Analogous

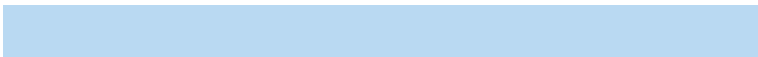
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.4929, 66.5948, 76.5139



58.0200, 66.5948, 86.8869



60.9827, 66.5948, 93.7911

Triad

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



58.0200, 66.5948, 86.8869



70.3461, 66.5948, 79.4280



61.9333, 66.5948, 54.1055

Complementary

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



58.0200, 66.5948, 86.8869



58.8039, 55.4978, 47.6587

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.



65.6678, 66.5948, 54.7199



58.0200, 66.5948, 86.8869



70.6252, 66.5948, 68.6491

Square

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



58.0200, 66.5948, 86.8869



68.1351, 66.5948, 89.2003



68.8833, 66.5948, 59.8143



58.6923, 66.5948, 58.0441

Rectangle

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



58.0200, 66.5948, 86.8869



63.4220, 66.5948, 95.1264



68.8833, 66.5948, 59.8143



63.1708, 66.5948, 53.7972

Sweetspot

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



58.0220, 66.5975, 86.8884



86.6299, 93.7159, 108.1308



55.4375, 70.8144, 57.0911



18.2227, 19.8171, 23.1146



0.0000, 0.0000, 0.0000



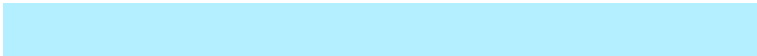
20.3446, 21.4041, 23.3091

Same Dimension

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



58.0220, 66.5975, 86.8884



67.5217, 78.7376, 106.2468



50.9487, 52.4510, 84.5307



15.2425, 16.5714, 19.3175



18.3544, 23.3558, 47.2837



1.5069, 1.9653, 3.7348

Inverse Universe

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



61.7931, 52.8178, 75.3477



72.9058, 59.5584, 89.6591



65.6224, 69.1348, 49.9315



15.5759, 15.2582, 18.3181



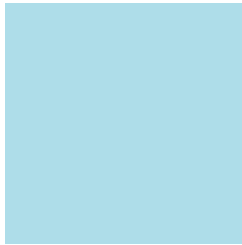
24.1198, 11.8506, 27.4957



1.9271, 0.9438, 2.3336

Previews

White Background



This preview shows how the XYZ color 58.0200, 66.5948, 86.8869 looks on a white background.

Color Contrast Check

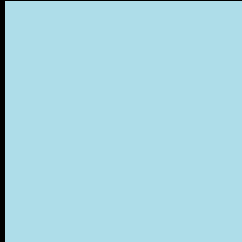
Large Text (above 18pt) WCAG AA × Fail

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 58.0200, 66.5948, 86.8869 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 58.0200, 66.5948, 86.8869

Background



This preview shows how black text looks on a background with the XYZ color 58.0200, 66.5948, 86.8869.

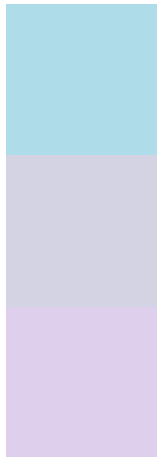


This preview shows how white text looks on a background with the XYZ color 58.0200, 66.5948,

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

58.0200, 66.5948, 86.8869

Protanopia

64.3108, 66.1316, 82.0482

Deuteranopia

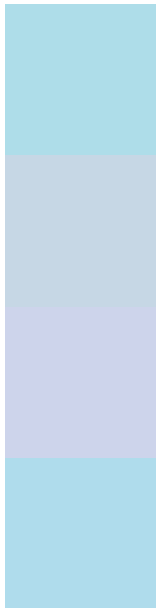
67.5773, 66.2114, 88.5752



Tritanopia

58.7050, 66.4734, 90.6255

Trichromacy



Original Color

58.0200, 66.5948, 86.8869

Protanomaly

61.7320, 66.2638, 83.6653

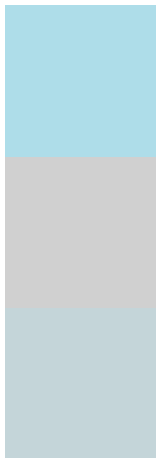
Deuteranomaly

63.7157, 66.0643, 87.9908

Tritanomaly

58.4127, 66.3565, 89.0863

Monochromacy



Original Color

58.0200, 66.5948, 86.8869

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.0836, 64.3340, 74.9493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0200, 66.5948, 86.8869 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(174, 221, 233)` looks like.

```
.text, #text, p{  
    color:rgb(174, 221, 233)  
}
```

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(174, 221, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 221, 233) }
```

Border

The CSS property to change the border of an element to XYZ 58.0200, 66.5948, 86.8869 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(174, 221, 233) }
```


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

```
.border{ border-color:rgb(174, 221, 233) }
```

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

Here you see how a box with a 4 pixel rgb(174, 221, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 221, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 221, 233);  
box-shadow:4px 4px 4px 4px rgb(174, 221,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0200, 66.5948, 86.8869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 221, 233) }
```

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

```
.background{ background-color: rgb(174,  
221, 233) }
```

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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