

Converting Colors

XYZ(58.4268, 63.9766, 86.3610)

Have a look what the booklet for
XYZ(58.4268, 63.9766, 86.3610)
contains.

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Color

**XYZ(58.5217, 64.1667,
86.3918)**

Conversions

Conversions Part 1

Format	Color
Hex	B8D6E9
RGB	184, 214, 233
RGB Percent	72%, 84%, 91%
CMY	0.2784, 0.1608, 0.0863
CMYK	0.21, 0.08, 0.00, 0.09
HSL	203°, 53%, 82%
HSV	203°, 21%, 91%
XYZ	58.5217, 64.1667, 86.3918
YIQ	207.1960, -23.9790, -0.4510

Conversions

Conversions Part 2

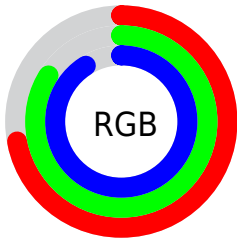
Format	Color
RYB	184, 203, 233
Decimal	12113641
CIELab	84.05, -5.89, -12.65
CIELCh	84, 13.956, 245.016
Yxy	64.1667, 0.2799, 0.3069
Android (android.graphics.Color)	4290303721 (0xFFB8D6E9)
YUV	207.1960, 12.7214, -20.3429
Hunter-Lab	80.1041, -9.7754, -7.8710

Details

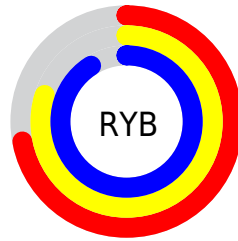
The XYZ color **58.5217, 64.1667, 86.3918** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63.6125, 63.4962, 54.2520**, and the grayscale version is **59.3677, 62.4594, 68.0183**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **29.5399, 32.7164, 46.3530** is the 20% darker color. If you saturate the color by 10%, you get **51.1706, 57.0782, 85.4121**, and if you desaturate by 10%, it is **66.9227, 71.9879, 87.4597**.

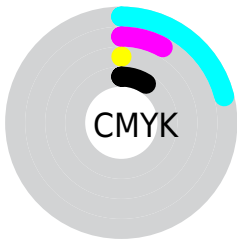
Distribution



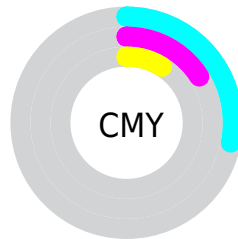
- Red (72%)
- Green (84%)
- Blue (91%)



- Red (72%)
- Yellow (80%)
- Blue (91%)



- Cyan (21%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (28%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5217, 64.1667, 86.3918 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 58.5217, 64.1667, 86.3918 by changing the saturation by 10% instead.

■ 58.5217, 64.1667,
86.3918

■ 58.5217, 64.1667,
86.3918

409.0497,
439.7914, 536.4865

■ 42.4731, 46.7857,
64.4353

■ 101.8008,
110.8510, 144.2075

■ 29.6646, 32.8663,
46.5549

129.7620,
140.9230, 180.9037

■ 19.7310, 22.0240,
32.3321

162.4248,
175.9943, 223.3502

■ 12.3068, 13.8746,
21.3484

200.1545,
216.4490, 271.9656

■ 7.0266, 8.0335,
13.1852

243.3165,
262.6717, 327.1684

■ 3.5252, 4.1164,
7.4239

292.2761,

■ 1.4372, 1.7389,

315.0467, 389.3771

3.6462

347.3987,
373.9585, 459.0103

■ 0.2825, 0.4486,
1.4333

■ 0.0000, 0.0000,
0.1675

■ 58.5217, 64.1667,
86.3918

■ 58.5217, 64.1667,
86.3918

■ 51.1706, 57.0782,
85.4121

■ 66.9227, 71.9879,
87.4597

■ 44.8166, 50.6874,
84.5134

■ 76.4118, 80.5596,
88.6141

■ 39.4109, 44.9675,
83.6943

■ 87.0320, 89.9085,
89.8589

■ 34.8977, 39.8867,
82.9515

■ 90.1768, 95.6005,
90.7918

■ 31.2151, 35.4097,
82.2814

■ 91.7082, 98.6633,
91.3022

■ 28.2924, 31.4968,
81.6802

■ 26.0450, 28.1009,
81.1432

■ 24.4807, 25.4282,
80.7097

Harmonies

Analogous

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



56.2666, 64.1667, 80.0554



58.5217, 64.1667, 86.3918



61.5077, 64.1667, 88.1569

Triad

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



58.5217, 64.1667, 86.3918



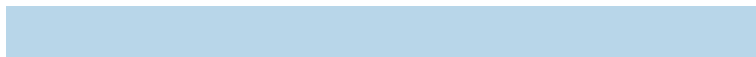
67.0790, 64.1667, 68.3945



57.6538, 64.1667, 56.8786

Complementary

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



58.5217, 64.1667, 86.3918



63.6125, 63.4962, 54.2520

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.



60.4723, 64.1667, 54.2991



58.5217, 64.1667, 86.3918



65.9674, 64.1667, 60.5812

Square

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



58.5217, 64.1667, 86.3918



66.5144, 64.1667, 77.2764



63.5237, 64.1667, 55.5958



55.7775, 64.1667, 62.9463

Rectangle

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



58.5217, 64.1667, 86.3918



63.5267, 64.1667, 86.3873



63.5237, 64.1667, 55.5958



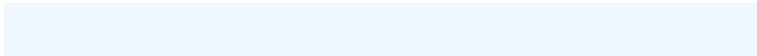
58.5188, 64.1667, 55.5991

Sweetspot

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



58.5236, 64.1693, 86.3933



87.7802, 93.4863, 108.0259



59.6610, 72.7708, 67.2676



18.6256, 19.8626, 23.1021



0.0000, 0.0000, 0.0000



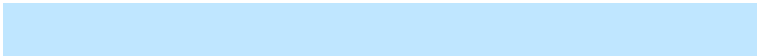
20.3446, 21.4041, 23.3091

Same Dimension

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



58.5236, 64.1693, 86.3933



67.9747, 75.0807, 105.5171



52.8286, 52.7792, 84.4949



14.9990, 16.0844, 19.2363



14.0144, 14.6759, 45.8371



1.1933, 1.3381, 3.6303

Inverse Universe

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



62.8839, 56.4611, 71.2051



74.2482, 64.3599, 83.5816



69.8038, 75.8788, 56.3157



15.4530, 15.2091, 17.6709



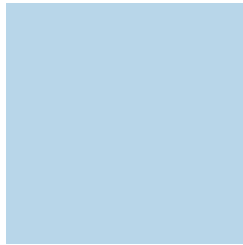
21.9291, 10.9743, 15.9601



1.7688, 0.8805, 1.5001

Previews

White Background



This preview shows how the XYZ color 58.5217, 64.1667, 86.3918 looks on a white background.

Color Contrast Check

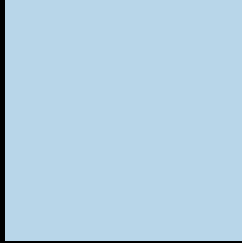
Large Text (above 18pt) WCAG AA × Fail

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 58.5217, 64.1667, 86.3918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

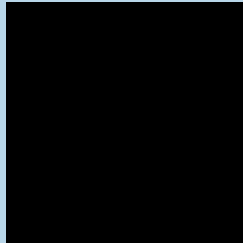
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

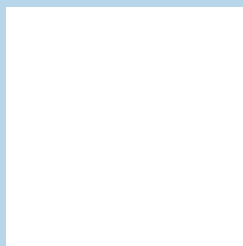
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.5217, 64.1667, 86.3918

Background



This preview shows how black text looks on a background with the XYZ color 58.5217, 64.1667, 86.3918.



This preview shows how white text looks on a background with the XYZ color 58.5217, 64.1667,

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

58.5217, 64.1667, 86.3918

Protanopia

62.4309, 64.0343, 83.1981

Deuteranopia

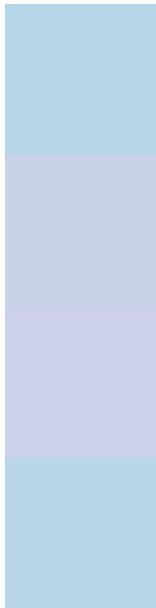
65.2035, 63.9356, 87.5015



Tritanopia

58.2375, 64.0530, 84.8953

Trichromacy



Original Color

58.5217, 64.1667, 86.3918

Protanomaly

60.8827, 63.9485, 83.9973

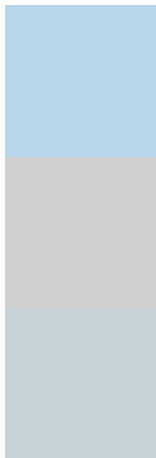
Deuteranomaly

62.5840, 64.0314, 86.9027

Tritanomaly

58.3792, 64.1097, 85.6414

Monochromacy



Original Color

58.5217, 64.1667, 86.3918

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.9945, 63.1932, 74.0539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5217, 64.1667, 86.3918 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(184, 214, 233)` looks like.

```
.text, #text, p{  
    color:rgb(184, 214, 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(184, 214, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 214, 233) }
```

Border

The CSS property to change the border of an element to XYZ 58.5217, 64.1667, 86.3918 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(184, 214, 233) }
```


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

```
.border{ border-color:rgb(184, 214, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 214, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 214, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 214, 233);  
box-shadow:4px 4px 4px 4px rgb(184, 214,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5217, 64.1667, 86.3918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 214, 233) }
```

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

```
.background{ background-color: rgb(184,  
214, 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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