

Converting Colors

XYZ(58.6152, 65.2393, 84.0688)

Have a look what the booklet for
XYZ(58.6152, 65.2393, 84.0688)
contains.

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Color

**XYZ(58.8629, 65.5292,
84.4089)**

Conversions

Conversions Part 1

Format	Color
Hex	B8D9E6
RGB	184, 217, 230
RGB Percent	72%, 85%, 90%
CMY	0.2784, 0.1490, 0.0980
CMYK	0.20, 0.06, 0.00, 0.10
HSL	197°, 48%, 81%
HSV	197°, 20%, 90%
XYZ	58.8629, 65.5292, 84.4089
YIQ	208.6150, -23.8410, -2.9530

Conversions

Conversions Part 2

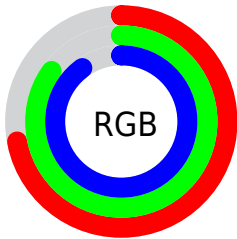
Format	Color
RYB	184, 203, 230
Decimal	12114406
CIELab	84.76, -8.10, -10.01
CIELCh	85, 12.877, 231.019
Yxy	65.5292, 0.2819, 0.3138
Android (android.graphics.Color)	4290304486 (0xFFB8D9E6)
YUV	208.6150, 10.5428, -21.5874
Hunter-Lab	80.9501, -11.8664, -5.1582

Details

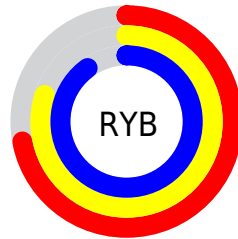
The XYZ color **58.8629, 65.5292, 84.4089** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61.2516, 60.2162, 53.7432**, and the grayscale version is **60.2998, 63.4401, 69.0862**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **29.8641, 33.6816, 45.4846** is the 20% darker color. If you saturate the color by 10%, you get **52.1532, 59.6339, 83.6257**, and if you desaturate by 10%, it is **66.5382, 72.0236, 85.2590**.

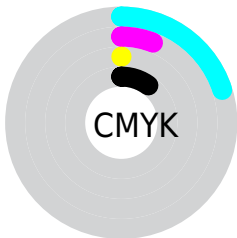
Distribution



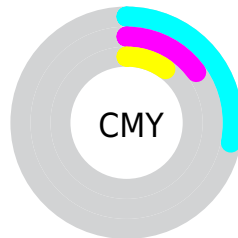
- Red (72%)
- Green (85%)
- Blue (90%)



- Red (72%)
- Yellow (80%)
- Blue (90%)



- Cyan (20%)
- Magenta (6%)
- Yellow (0%)
- Black (10%)



- Cyan (28%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8629, 65.5292, 84.4089 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 58.8629, 65.5292, 84.4089 by changing the saturation by 10% instead.

■ 58.8629, 65.5292,
84.4089

■ 58.8629, 65.5292,
84.4089

410.2959,
444.6912, 529.7636

■ 42.7487, 47.8903,
62.8057

■ 102.2941,
112.8103, 141.4138

■ 29.8817, 33.7400,
45.2441

130.3419,
143.2214, 177.6527

■ 19.8964, 22.6940,
31.3054

163.0982,
178.6586, 219.6072

■ 12.4276, 14.3677,
20.5711

200.9285,
219.5064, 267.6960

■ 7.1099, 8.3768,
12.6227

244.1980,
266.1492, 322.3374

■ 3.5778, 4.3370,
7.0416

293.2722,

■ 1.4662, 1.8638,

318.9713, 383.9501

3.4093

348.5164,
378.3572, 452.9527

■ 0.3027, 0.5265,
1.3072

■ 0.0000, 0.0000,
0.0677

■ 58.8629, 65.5292,
84.4089

■ 58.8629, 65.5292,
84.4089

■ 52.1532, 59.6339,
83.6257

■ 66.5382, 72.0236,
85.2590

■ 46.3593, 54.3058,
82.9026

■ 75.2144, 79.1313,
86.1736

■ 41.4355, 49.5220,
82.2388

■ 84.9319, 86.8759,
87.1563

■ 37.3299, 45.2545,
81.6315

■ 87.5734, 91.0739,
87.8274

■ 33.9844, 41.4723,
81.0778

■ 89.5529, 95.0327,
88.4872

■ 31.3328, 38.1399,
80.5743

■ 91.2831, 98.4933,
89.0639

■ 29.2967, 35.2157,
80.1172

■ 27.7410, 32.6290,
79.6999

■ 27.7409, 32.6289,
79.6999

Harmonies

Analogous

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



57.2537, 65.5292, 77.1939



58.8629, 65.5292, 84.4089



61.4226, 65.5292, 88.1983

Triad

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



58.8629, 65.5292, 84.4089



67.9178, 65.5292, 73.8560



60.3174, 65.5292, 57.5400

Complementary

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



58.8629, 65.5292, 84.4089



61.2516, 60.2162, 53.7432

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.



63.1525, 65.5292, 56.7971



58.8629, 65.5292, 84.4089



67.5997, 65.5292, 65.8090

Square

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



58.8629, 65.5292, 84.4089



66.6904, 65.5292, 81.8043



65.8342, 65.5292, 59.7129



58.0752, 65.5292, 61.8269

Rectangle

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



58.8629, 65.5292, 84.4089



63.3485, 65.5292, 88.0855



65.8342, 65.5292, 59.7129



61.2306, 65.5292, 56.8813

Sweetspot

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



58.8648, 65.5319, 84.4104



88.2798, 94.4855, 108.1924



58.0594, 70.7828, 62.9875



18.7439, 20.0990, 23.1415



0.0000, 0.0000, 0.0000



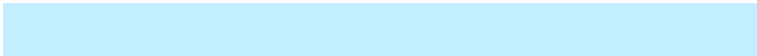
20.3446, 21.4041, 23.3091

Same Dimension

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



58.8648, 65.5319, 84.4104



70.7364, 79.6421, 106.2520



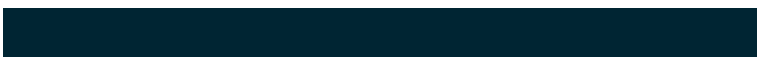
53.5067, 54.8156, 82.6243



14.4453, 15.6119, 18.3964



15.8139, 18.6898, 45.1572



1.2464, 1.5368, 3.3629

Inverse Universe

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



62.2995, 56.1151, 73.1964



75.8770, 65.9105, 89.3870



66.6871, 71.0872, 55.5551



14.8123, 14.5421, 17.2121



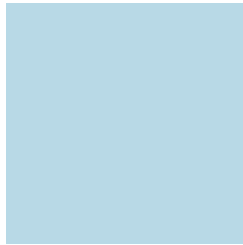
22.3756, 11.0845, 21.4047



1.6928, 0.8348, 1.7886

Previews

White Background



This preview shows how the XYZ color 58.8629, 65.5292, 84.4089 looks on a white background.

Color Contrast Check

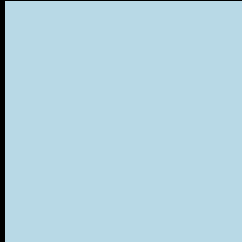
Large Text (above 18pt) WCAG AA × Fail

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 58.8629, 65.5292, 84.4089 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 58.8629, 65.5292, 84.4089

Background



This preview shows how black text looks on a background with the XYZ color 58.8629, 65.5292, 84.4089.

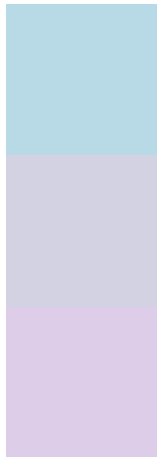


This preview shows how white text looks on a background with the XYZ color 58.8629, 65.5292,

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

58.8629, 65.5292, 84.4089

Protanopia

63.6380, 65.4331, 81.2273

Deuteranopia

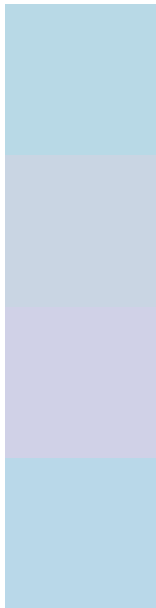
66.5210, 65.0184, 85.3877



Tritanopia

59.4147, 65.3665, 87.3274

Trichromacy



Original Color

58.8629, 65.5292, 84.4089

Protanomaly

61.7468, 65.5521, 82.0715

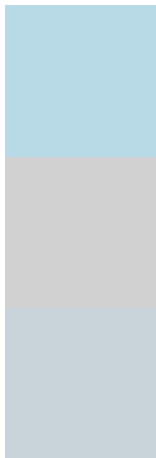
Deuteranomaly

63.2367, 64.7803, 84.7722

Tritanomaly

59.2714, 65.3092, 86.5728

Monochromacy



Original Color

58.8629, 65.5292, 84.4089

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.8873, 64.3761, 74.9151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8629, 65.5292, 84.4089 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, 217, 230)` looks like.

```
.text, #text, p{  
    color:rgb(184, 217, 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(184, 217, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 217, 230) }
```

Border

The CSS property to change the border of an element to XYZ 58.8629, 65.5292, 84.4089 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, 217, 230) }
```


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

```
.border{ border-color:rgb(184, 217, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 217, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 217, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 217, 230);  
box-shadow:4px 4px 4px 4px rgb(184, 217,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8629, 65.5292, 84.4089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 217, 230) }
```

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

```
.background{ background-color: rgb(184,  
217, 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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