

Converting Colors

XYZ(57.4918, 65.0579, 85.5845)

Have a look what the booklet for
XYZ(57.4918, 65.0579, 85.5845)
contains.

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Color

**XYZ(57.5414, 65.1991,
85.8959)**

Conversions

Conversions Part 1

Format	Color
Hex	B0DAE8
RGB	176, 218, 232
RGB Percent	69%, 85%, 91%
CMY	0.3098, 0.1451, 0.0902
CMYK	0.24, 0.06, 0.00, 0.09
HSL	195°, 55%, 80%
HSV	195°, 24%, 91%
XYZ	57.5414, 65.1991, 85.8959
YIQ	207.0380, -29.5260, -4.5500

Conversions

Conversions Part 2

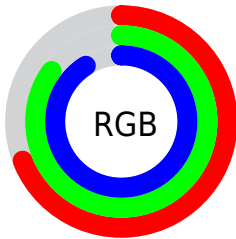
Format	Color
RYB	176, 200, 232
Decimal	11590376
CIELab	84.59, -10.58, -11.37
CIELCh	85, 15.537, 227.064
Yxy	65.1991, 0.2758, 0.3125
Android (android.graphics.Color)	4289780456 (0xFFB0DAE8)
YUV	207.0380, 12.3063, -27.2203
Hunter-Lab	80.7460, -14.1023, -6.5493

Details

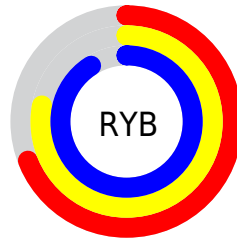
The XYZ color **57.5414, 65.1991, 85.8959** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.5294, 57.1177, 48.9630**, and the grayscale version is **59.2711, 62.3578, 67.9076**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **28.9597, 33.4665, 46.0076** is the 20% darker color. If you saturate the color by 10%, you get **51.2602, 59.7691, 85.1799**, and if you desaturate by 10%, it is **64.7756, 71.2018, 86.6743**.

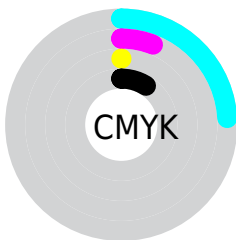
Distribution



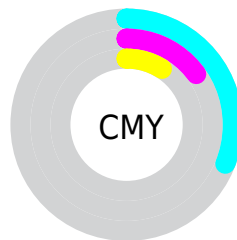
- Red (69%)
- Green (85%)
- Blue (91%)



- Red (69%)
- Yellow (78%)
- Blue (91%)



- Cyan (24%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)



- Cyan (31%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5414, 65.1991, 85.8959 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 57.5414, 65.1991, 85.8959 by changing the saturation by 10% instead.

■ 57.5414, 65.1991,
85.8959

■ 57.5414, 65.1991,
85.8959

405.4564,
443.5071, 534.8096

■ 41.6819, 47.6225,
64.0275

■ 100.3815,
112.3361, 143.5095

■ 29.0423, 33.5281,
46.2266

128.0929,
142.6652, 180.0917

■ 19.2573, 22.5313,
32.0747

160.4856,
178.0141, 222.4156

■ 11.9614, 14.2478,
21.1533

197.9249,
218.7670, 270.8998

■ 6.7894, 8.2932,
13.0438

240.7763,
265.3084, 325.9627

■ 3.3759, 4.2831,
7.3276

289.4052,

■ 1.3555, 1.8332,

318.0226, 388.0230

3.5863

344.1767,
377.2940, 457.4991

■ 0.2242, 0.5077,
1.4012

■ 0.0000, 0.0000,
0.1427

■ 57.5414, 65.1991,
85.8959

■ 57.5414, 65.1991,
85.8959

■ 51.2602, 59.7691,
85.1799

■ 64.7756, 71.2018,
86.6743

■ 45.8800, 54.8792,
84.5197

■ 72.9998, 77.7921,
87.5129

■ 41.3527, 50.5055,
83.9141

■ 82.2561, 84.9942,
88.4152

■ 37.6230, 46.6188,
83.3604

■ 87.3203, 90.1156,
89.1368

■ 34.6289, 43.1861,
82.8557

■ 89.0663, 93.6074,
89.7188

■ 32.2984, 40.1697,
82.3963

■ 90.8674, 97.2096,
90.3192

■ 30.5442, 37.5234,
81.9779

■ 91.5657, 98.6063,
90.5519

■ 29.7039, 36.1027,
81.7480

Harmonies

Analogous

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



55.8165, 65.1991, 76.7380



57.5414, 65.1991, 85.8959



60.4902, 65.1991, 91.2578

Triad

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



57.5414, 65.1991, 85.8959



68.6924, 65.1991, 75.3485



60.0353, 65.1991, 54.2680

Complementary

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



57.5414, 65.1991, 85.8959



59.5294, 57.1177, 48.9630

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.



63.4733, 65.1991, 53.9712



57.5414, 65.1991, 85.8959



68.5595, 65.1991, 65.5378

Square

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



57.5414, 65.1991, 85.8959



66.9764, 65.1991, 84.7973



66.6197, 65.1991, 57.9180



57.2191, 65.1991, 58.7705

Rectangle

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



57.5414, 65.1991, 85.8959



62.7927, 65.1991, 91.6597



66.6197, 65.1991, 57.9180



61.1541, 65.1991, 53.6889

Sweetspot

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



57.5433, 65.2017, 85.8974



87.3783, 93.9566, 108.1378



55.9550, 70.6216, 58.8657



18.5673, 20.0028, 23.1323



0.0000, 0.0000, 0.0000



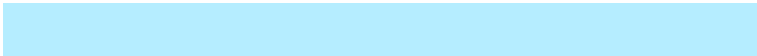
20.3446, 21.4041, 23.3091

Same Dimension

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



57.5433, 65.2017, 85.8974



67.2619, 77.3381, 105.9904



51.0876, 52.2903, 83.7455



14.4864, 15.6942, 18.4101



16.5951, 20.2523, 45.4176



1.2987, 1.6414, 3.3803

Inverse Universe

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



61.4605, 53.2700, 73.3754



72.9894, 60.4142, 87.5645



65.9465, 69.9518, 51.1021



14.8331, 14.5504, 17.3215



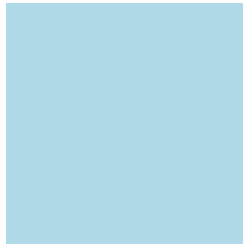
22.7699, 11.2422, 23.4813



1.7192, 0.8454, 1.9277

Previews

White Background



This preview shows how the XYZ color 57.5414, 65.1991, 85.8959 looks on a white background.

Color Contrast Check

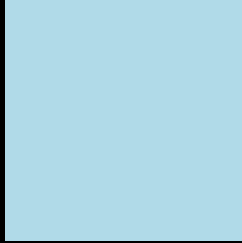
Large Text (above 18pt) WCAG AA × Fail

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 57.5414, 65.1991, 85.8959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

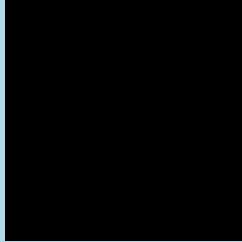
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.5414, 65.1991, 85.8959

Background



This preview shows how black text looks on a background with the XYZ color 57.5414, 65.1991, 85.8959.



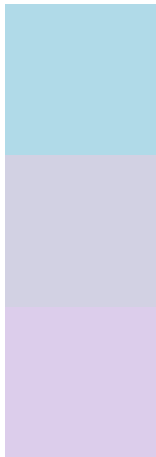
This preview shows how white text looks on a background with the XYZ color 57.5414, 65.1991,

85.8959.

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

57.5414, 65.1991, 85.8959

Protanopia

63.2439, 64.8486, 81.8568

Deuteranopia

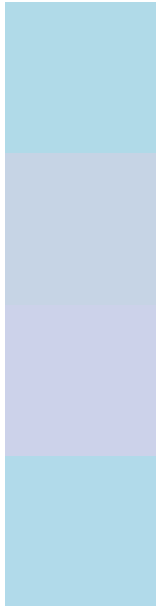
66.3419, 64.8764, 87.6231



Tritanopia

58.1983, 65.4881, 88.1703

Trichromacy



Original Color

57.5414, 65.1991, 85.8959

Protanomaly

60.9750, 64.7499, 83.4130

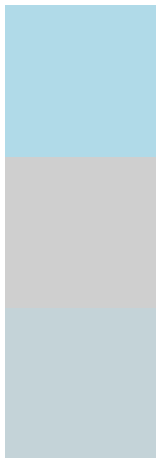
Deuteranomaly

62.7997, 64.8711, 87.0534

Tritanomaly

58.0541, 65.4304, 87.4115

Monochromacy



Original Color

57.5414, 65.1991, 85.8959

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.4539, 63.2822, 74.0996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5414, 65.1991, 85.8959 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, 218, 232)` looks like.

```
.text, #text, p{  
    color:rgb(176, 218, 232)  
}
```

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, 218, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 218, 232) }
```

Border

The CSS property to change the border of an element to XYZ 57.5414, 65.1991, 85.8959 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, 218, 232) }
```


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

```
.border{ border-color:rgb(176, 218, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 218, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 218, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 218, 232);  
box-shadow:4px 4px 4px 4px rgb(176, 218,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5414, 65.1991, 85.8959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 218, 232) }
```

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

```
.background{ background-color: rgb(176,  
218, 232) }
```

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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