

Converting Colors

XYZ(52.8645, 59.4535, 85.0706)

Have a look what the booklet for
XYZ(52.8645, 59.4535, 85.0706)
contains.

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Color

**XYZ(52.8830, 59.4265,
85.0272)**

Conversions

Conversions Part 1

Format	Color
Hex	A5D1E8
RGB	165, 209, 232
RGB Percent	65%, 82%, 91%
CMY	0.3529, 0.1804, 0.0902
CMYK	0.29, 0.10, 0.00, 0.09
HSL	201°, 59%, 78%
HSV	201°, 29%, 91%
XYZ	52.8830, 59.4265, 85.0272
YIQ	198.4660, -33.6070, -2.1750

Conversions

Conversions Part 2

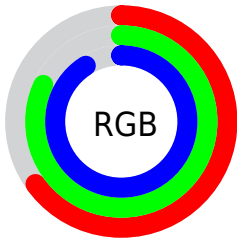
Format	Color
RYB	165, 192, 232
Decimal	10867176
CIELab	81.53, -9.13, -16.03
CIELCh	82, 18.444, 240.337
Yxy	59.4265, 0.2680, 0.3011
Android (android.graphics.Color)	4289057256 (0xFFA5D1E8)
YUV	198.4660, 16.5323, -29.3497
Hunter-Lab	77.0886, -12.4535, -11.4337

Details

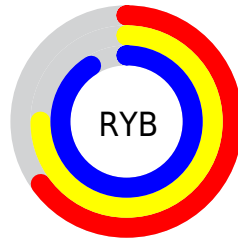
The XYZ color **52.8830, 59.4265, 85.0272** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.0542, 55.8393, 43.3170**, and the grayscale version is **53.8787, 56.6845, 61.7295**.

A 20% lighter version of the original color is **83.6288, 94.1122, 108.3655**, and **26.1134, 29.9568, 45.4802** is the 20% darker color. If you saturate the color by 10%, you get **46.5833, 53.3519, 84.1877**, and if you desaturate by 10%, it is **60.1593, 66.1524, 85.9429**.

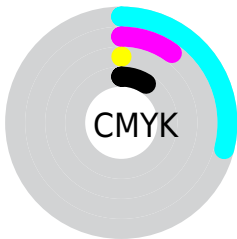
Distribution



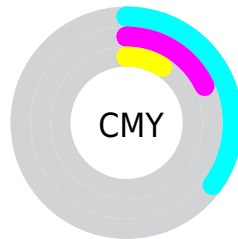
- Red (65%)
- Green (82%)
- Blue (91%)



- Red (65%)
- Yellow (75%)
- Blue (91%)



- Cyan (29%)
- Magenta (10%)
- Yellow (0%)
- Black (9%)



- Cyan (35%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8830, 59.4265, 85.0272 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 52.8830, 59.4265, 85.0272 by changing the saturation by 10% instead.

■ 52.8830, 59.4265,
85.0272

■ 52.8830, 59.4265,
85.0272

388.1043,
422.4806, 531.8650

■ 37.9365, 42.9565,
63.3136

■ 93.5987, 103.9973,
142.2857

■ 26.1104, 29.8510,
45.6523

■ 120.0986,
132.8669, 178.6676

■ 17.0394, 19.7255,
31.6249

151.1804,
166.6385, 220.7761

■ 10.3580, 12.1957,
20.8127

187.2094,
205.6966, 269.0296

■ 5.7011, 6.8771,
12.7972

228.5509,
250.4254, 323.8467

■ 2.7031, 3.3854,
7.1600

275.5703,

■ 0.9988, 1.3361,

301.2094, 385.6459

3.4824

328.6330,
358.4330, 454.8459

0.0000, 0.1689,
1.3459

0.0000, 0.0000,
0.0990

52.8830, 59.4265,
85.0272

52.8830, 59.4265,
85.0272

46.5833, 53.3519,
84.1877

60.1593, 66.1524,
85.9429

41.2060, 47.8942,
83.4177

68.4519, 73.5479,
86.9333

36.6997, 43.0263,
82.7156

77.8049, 81.6391,
88.0021

33.0051, 38.7155,
82.0783

87.2190, 89.9128,
89.1029

■ 30.0552, 34.9248,
81.5021

■ 89.6262, 94.7273,
89.9054

■ 27.7706, 31.6112,
80.9829

■ 91.5657, 98.6063,
90.5519

■ 26.0321, 28.7107,
80.5147

■ 25.8536, 28.4020,
80.4645

Harmonies

Analogous

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



50.3063, 59.4265, 76.0668



52.8830, 59.4265, 85.0272



56.5269, 59.4265, 88.4185

Triad

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



52.8830, 59.4265, 85.0272



64.2487, 59.4265, 64.5801



52.8105, 59.4265, 48.0132

Complementary

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



52.8830, 59.4265, 85.0272



58.0542, 55.8393, 43.3170

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.



56.4394, 59.4265, 45.6632



52.8830, 59.4265, 85.0272



63.1459, 59.4265, 54.5356

Square

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



52.8830, 59.4265, 85.0272



63.1930, 59.4265, 75.8253



60.2430, 59.4265, 47.9106



50.2658, 59.4265, 54.7294

Rectangle

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



52.8830, 59.4265, 85.0272



59.1066, 59.4265, 86.7945



60.2430, 59.4265, 47.9106



53.9384, 59.4265, 46.7231

Sweetspot

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



52.8848, 59.4289, 85.0286



84.6432, 90.9806, 107.7076



53.3803, 69.3159, 57.7682



17.7788, 19.1758, 23.0142



0.0000, 0.0000, 0.0000



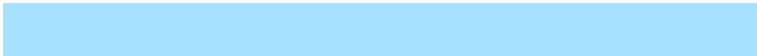
20.3446, 21.4041, 23.3091

Same Dimension

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



52.8848, 59.4289, 85.0286



60.4774, 68.8077, 104.7015



45.6419, 44.9430, 82.6143



14.3691, 15.4596, 18.3710



14.4743, 16.0107, 44.7107



1.1552, 1.3544, 3.3325

Inverse Universe

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



58.2440, 48.6710, 66.6489



68.3349, 53.8433, 77.5719



65.8839, 71.4986, 45.9268



14.7739, 14.5267, 17.0098



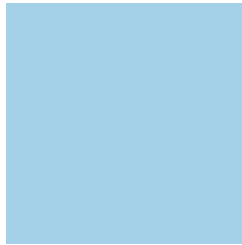
21.6995, 10.8140, 17.8442



1.6467, 0.8164, 1.5462

Previews

White Background



This preview shows how the XYZ color 52.8830, 59.4265, 85.0272 looks on a white background.

Color Contrast Check

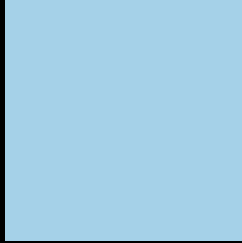
Large Text (above 18pt) WCAG AA × Fail

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 52.8830, 59.4265, 85.0272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

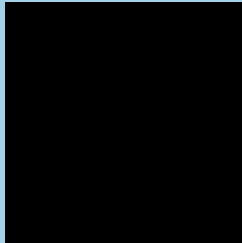
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8830, 59.4265, 85.0272

Background



This preview shows how black text looks on a background with the XYZ color 52.8830, 59.4265, 85.0272.



This preview shows how white text looks on a background with the XYZ color 52.8830, 59.4265,

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

52.8830, 59.4265, 85.0272

Protanopia

58.0405, 59.3251, 81.0649

Deuteranopia

60.2711, 58.9948, 86.0524



Tritanopia

52.2216, 59.5318, 81.4115

Trichromacy



Original Color

52.8830, 59.4265, 85.0272

Protanomaly

55.9854, 59.2820, 82.6206

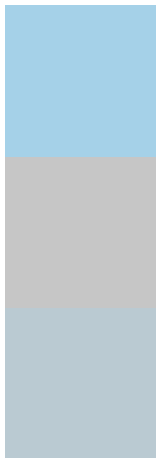
Deuteranomaly

57.0805, 58.7328, 85.4189

Tritanomaly

52.4993, 59.6428, 82.8740

Monochromacy



Original Color

52.8830, 59.4265, 85.0272

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.0031, 57.3333, 69.2456

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8830, 59.4265, 85.0272 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(165, 209, 232)` looks like.

```
.text, #text, p{  
    color:rgb(165, 209, 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(165, 209, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 209, 232) }
```

Border

The CSS property to change the border of an element to XYZ 52.8830, 59.4265, 85.0272 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(165, 209, 232) }
```


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

```
.border{ border-color:rgb(165, 209, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 209, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 209, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 209, 232);  
box-shadow:4px 4px 4px 4px rgb(165, 209,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8830, 59.4265, 85.0272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 209, 232) }
```

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

```
.background{ background-color: rgb(165,  
209, 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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