

Converting Colors

XYZ(59.7072, 66.0070, 85.8430)

Have a look what the booklet for
XYZ(59.7072, 66.0070, 85.8430)
contains.

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Color

**XYZ(59.6280, 65.8910,
85.9194)**

Conversions

Conversions Part 1

Format	Color
Hex	BAD9E8
RGB	186, 217, 232
RGB Percent	73%, 85%, 91%
CMY	0.2706, 0.1490, 0.0902
CMYK	0.20, 0.06, 0.00, 0.09
HSL	200°, 50%, 82%
HSV	200°, 20%, 91%
XYZ	59.6280, 65.8910, 85.9194
YIQ	209.4410, -23.2910, -1.9070

Conversions

Conversions Part 2

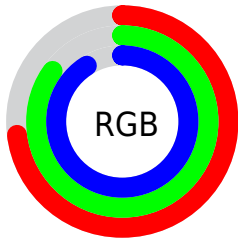
Format	Color
RYB	186, 205, 232
Decimal	12245480
CIELab	84.94, -7.06, -10.78
CIELCh	85, 12.886, 236.780
Yxy	65.8910, 0.2820, 0.3116
Android (android.graphics.Color)	4290435560 (0xFFBAD9E8)
YUV	209.4410, 11.1216, -20.5578
Hunter-Lab	81.1733, -10.9313, -5.9353

Details

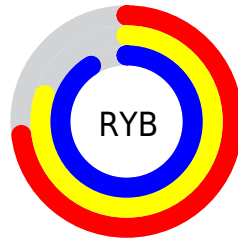
The XYZ color **59.6280, 65.8910, 85.9194** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63.0288, 62.4742, 55.1924**, and the grayscale version is **60.8344, 64.0025, 69.6987**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **30.2725, 33.8808, 46.0184** is the 20% darker color. If you saturate the color by 10%, you get **52.5382, 59.4094, 85.0431**, and if you desaturate by 10%, it is **67.7262, 73.0285, 86.8713**.

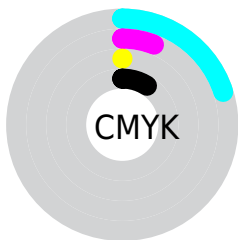
Distribution



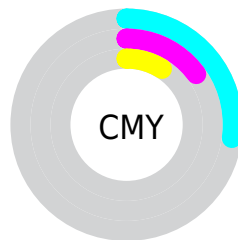
- Red (73%)
- Green (85%)
- Blue (91%)



- Red (73%)
- Yellow (80%)
- Blue (91%)



- Cyan (20%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)



- Cyan (27%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6280, 65.8910, 85.9194 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 59.6280, 65.8910, 85.9194 by changing the saturation by 10% instead.

■ 59.6280, 65.8910,
85.9194

■ 59.6280, 65.8910,
85.9194

413.0820,
445.9870, 534.8891

■ 43.3672, 48.1839,
64.0468

■ 103.3993,
113.3299, 143.5426

■ 30.3691, 33.9726,
46.2422

131.6404,
143.8305, 180.1302

■ 20.2684, 22.8725,
32.0869

164.6057,
179.3643, 222.4600

■ 12.6997, 14.4994,
21.1625

202.6605,
220.3159, 270.9503

■ 7.2976, 8.4688,
13.0505

246.1702,
267.0696, 326.0199

■ 3.6969, 4.3964,
7.3322

295.5001,

■ 1.5321, 1.8977,

320.0097, 388.0872

3.5891

351.0156,
379.5207, 457.5708

■ 0.3475, 0.5470,
1.4028

■ 0.0000, 0.0000,
0.1439

■ 59.6280, 65.8910,
85.9194

■ 59.6280, 65.8910,
85.9194

■ 52.5382, 59.4094,
85.0431

■ 67.7262, 73.0285,
86.8713

■ 46.4056, 53.5505,
84.2354

■ 76.8691, 80.8372,
87.8967

■ 41.1832, 48.2899,
83.4953

■ 86.8764, 89.2276,
88.9887

■ 36.8175, 43.5983,
82.8198

■ 89.1460, 93.7669,
89.7453

■ 33.2489, 39.4430,
82.2058

■ 91.5095, 98.4938,
90.5331

■ 30.4094, 35.7871,
81.6498

■ 91.5657, 98.6063,
90.5519

■ 28.2187, 32.5872,
81.1476

■ 26.5422, 29.7719,
80.6926

■ 26.5152, 29.7252,
80.6850

Harmonies

Analogous

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



57.7898, 65.8910, 79.1670



59.6280, 65.8910, 85.9194



62.3154, 65.8910, 88.8611

Triad

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



59.6280, 65.8910, 85.9194



68.3492, 65.8910, 72.6429



60.1534, 65.8910, 58.4364

Complementary

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



59.6280, 65.8910, 85.9194



63.0288, 62.4742, 55.1924

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.



62.9405, 65.8910, 56.9797



59.6280, 65.8910, 85.9194



67.7278, 65.8910, 64.8003

Square

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



59.6280, 65.8910, 85.9194



67.3990, 65.8910, 80.8341



65.7258, 65.8910, 59.2205



58.0865, 65.8910, 63.3625

Rectangle

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



59.6280, 65.8910, 85.9194



64.2477, 65.8910, 88.1096



65.7258, 65.8910, 59.2205



61.0346, 65.8910, 57.5420

Sweetspot

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



59.6300, 65.8937, 85.9209



88.0727, 94.0714, 108.1234



59.5992, 72.3502, 65.8165



18.6948, 20.0010, 23.1252



0.0000, 0.0000, 0.0000



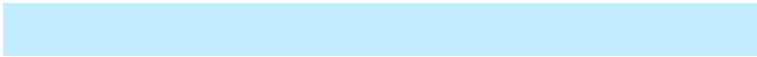
20.3446, 21.4041, 23.3091

Same Dimension

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



59.6300, 65.8937, 85.9209



69.9687, 78.1066, 105.9961



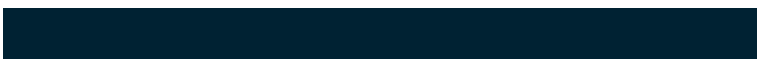
54.2048, 55.0434, 84.1125



14.3907, 15.5027, 18.3782



14.8393, 16.7408, 44.8323



1.1803, 1.4045, 3.3409

Inverse Universe

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



63.3635, 57.2848, 73.3662



75.4895, 65.7555, 87.3464



68.6821, 73.7808, 57.0768



14.7848, 14.5311, 17.0670



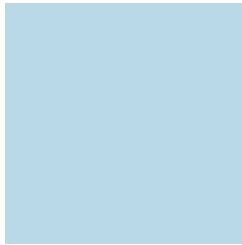
21.8837, 10.8877, 18.8145



1.6594, 0.8215, 1.6128

Previews

White Background



This preview shows how the XYZ color 59.6280, 65.8910, 85.9194 looks on a white background.

Color Contrast Check

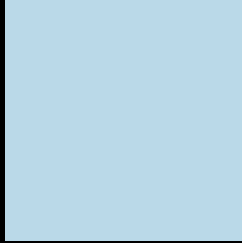
Large Text (above 18pt) WCAG AA × Fail

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 59.6280, 65.8910, 85.9194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

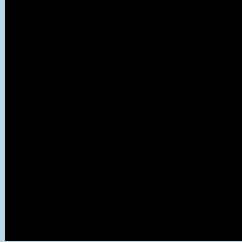
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

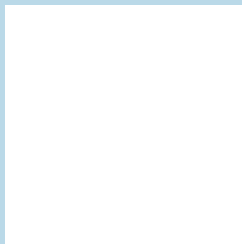
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6280, 65.8910, 85.9194

Background



This preview shows how black text looks on a background with the XYZ color 59.6280, 65.8910, 85.9194.

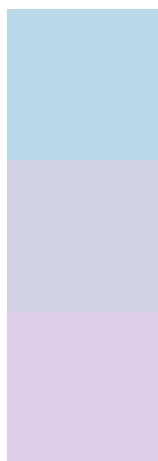


This preview shows how white text looks on a background with the XYZ color 59.6280, 65.8910,

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

59.6280, 65.8910, 85.9194

Protanopia

63.9142, 65.5435, 82.6813

Deuteranopia

67.0468, 65.6127, 86.9727



Tritanopia

59.9138, 66.0053, 87.4244

Trichromacy



Original Color

59.6280, 65.8910, 85.9194

Protanomaly

62.2942, 65.8022, 83.5466

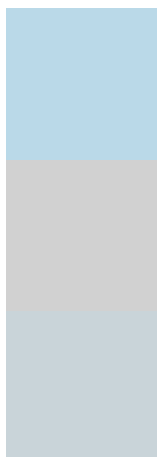
Deuteranomaly

64.0491, 65.5317, 86.3639

Tritanomaly

59.7705, 65.9480, 86.6698

Monochromacy



Original Color

59.6280, 65.8910, 85.9194

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.1553, 64.5142, 74.9276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6280, 65.8910, 85.9194 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(186, 217, 232)` looks like.

```
.text, #text, p{  
    color:rgb(186, 217, 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(186, 217, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 217, 232) }
```

Border

The CSS property to change the border of an element to XYZ 59.6280, 65.8910, 85.9194 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(186, 217, 232) }
```


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

```
.border{ border-color:rgb(186, 217, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 217, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 217, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 217, 232);  
box-shadow:4px 4px 4px 4px rgb(186, 217,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6280, 65.8910, 85.9194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 217, 232) }
```

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

```
.background{ background-color: rgb(186,  
217, 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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