

Converting Colors

XYZ(55.8071, 59.6717, 83.0717)

Have a look what the booklet for
XYZ(55.8071, 59.6717, 83.0717)
contains.

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Color

**XYZ(55.8814, 59.5662,
83.4151)**

Conversions

Conversions Part 1

Format	Color
Hex	B8CDE6
RGB	184, 205, 230
RGB Percent	72%, 80%, 90%
CMY	0.2784, 0.1961, 0.0980
CMYK	0.20, 0.11, 0.00, 0.10
HSL	213°, 48%, 81%
HSV	213°, 20%, 90%
XYZ	55.8814, 59.5662, 83.4151
YIQ	201.5710, -20.5410, 3.3230

Conversions

Conversions Part 2

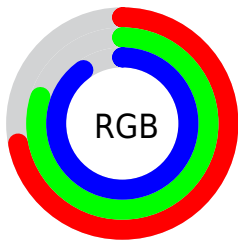
Format	Color
RYB	184, 198, 230
Decimal	12111334
CIELab	81.60, -1.83, -14.72
CIELCh	82, 14.837, 262.926
Yxy	59.5662, 0.2810, 0.2995
Android (android.graphics.Color)	4290301414 (0xFFB8CDE6)
YUV	201.5710, 14.0155, -15.4098
Hunter-Lab	77.1791, -5.8209, -10.0551

Details

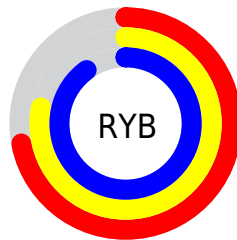
The XYZ color **55.8814, 59.5662, 83.4151** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.0858, 65.8845, 54.6879**, and the grayscale version is **55.7980, 58.7039, 63.9285**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **27.9125, 29.9350, 44.3513** is the 20% darker color. If you saturate the color by 10%, you get **47.9423, 51.2122, 82.2220**, and if you desaturate by 10%, it is **64.9587, 68.8645, 84.7324**.

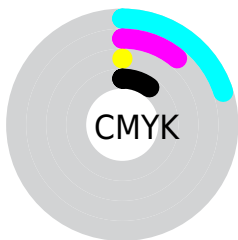
Distribution



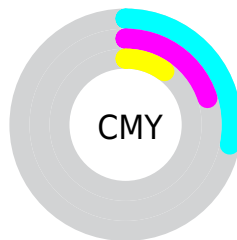
- Red (72%)
- Green (80%)
- Blue (90%)



- Red (72%)
- Yellow (78%)
- Blue (90%)



- Cyan (20%)
- Magenta (11%)
- Yellow (0%)
- Black (10%)



- Cyan (28%)
- Magenta (20%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8814, 59.5662, 83.4151 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 55.8814, 59.5662, 83.4151 by changing the saturation by 10% instead.

■ 55.8814, 59.5662,
83.4151

■ 55.8814, 59.5662,
83.4151

399.3267,
422.9969, 526.3761

■ 40.3445, 43.0691,
61.9901

■ 97.9720, 104.2001,
140.0111

■ 27.9926, 29.9393,
44.5889

125.2563,
133.1057, 176.0192

■ 18.4605, 19.7925,
30.7932

157.1872,
166.9163, 217.7253

■ 11.3828, 12.2443,
20.1843

194.1299,
206.0161, 265.5481

■ 6.3941, 6.9103,
12.3437

236.4499,
250.7898, 319.9060

■ 3.1291, 3.4061,
6.8528

284.5124,

■ 1.2224, 1.3472,

301.6215, 381.2176

3.2932

338.6829,
358.8958, 449.9015

■ 0.1239, 0.1773,
1.2462

■ 0.0000, 0.0000,
0.0171

■ 55.8814, 59.5662,
83.4151

■ 55.8814, 59.5662,
83.4151

■ 47.9423, 51.2122,
82.2220

■ 64.9587, 68.8645,
84.7324

■ 41.0873, 43.7620,
81.1453

■ 75.2144, 79.1314,
86.1736

■ 35.2656, 37.1822,
80.1821

■ 86.6935, 90.3992,
87.7435

■ 30.4198, 31.4344,
79.3281

■ 91.2830, 98.4930,
89.0638

■ 26.4866, 26.4768,
78.5784

■ 91.2831, 98.4932,
89.0639

■ 23.3941, 22.2625,
77.9280

■ 21.0577, 18.7379,
77.3708

■ 19.3361, 15.8193,
76.8982

■ 19.3361, 15.8191,
76.8982

Harmonies

Analogous

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



53.0810, 59.5662, 79.5303



55.8814, 59.5662, 83.4151



58.9815, 59.5662, 81.9753

Triad

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



55.8814, 59.5662, 83.4151



62.3139, 59.5662, 58.4017



51.9699, 59.5662, 55.0555

Complementary

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



55.8814, 59.5662, 83.4151



64.0858, 65.8845, 54.6879

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.



54.3144, 59.5662, 50.3057



55.8814, 59.5662, 83.4151



60.3043, 59.5662, 52.1104

Square

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



55.8814, 59.5662, 83.4151



62.7709, 59.5662, 66.9932



57.3568, 59.5662, 49.2790



50.8770, 59.5662, 62.7676

Rectangle

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



55.8814, 59.5662, 83.4151



60.7942, 59.5662, 78.2475



57.3568, 59.5662, 49.2790



52.6335, 59.5662, 53.0894

Sweetspot

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



55.8832, 59.5686, 83.4164



87.0481, 92.0222, 107.7819



59.5160, 71.3655, 70.6584



18.4526, 19.5165, 23.0445



0.0000, 0.0000, 0.0000



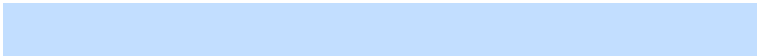
20.3446, 21.4041, 23.3091

Same Dimension

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



55.8832, 59.5686, 83.4164



66.2998, 70.7688, 104.7731



51.5611, 50.3762, 81.8699



14.1222, 14.9658, 18.2887



11.0658, 9.1938, 43.5745



0.9096, 0.8632, 3.2506

Inverse Universe

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



60.7945, 55.5131, 65.2713



73.6376, 65.0147, 77.5944



69.0928, 76.6258, 56.4973



14.6493, 14.4769, 16.3535



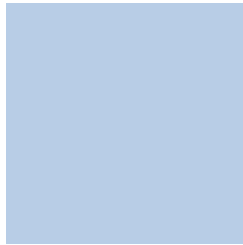
19.9790, 10.1258, 8.7845



1.5228, 0.7668, 0.8934

Previews

White Background



This preview shows how the XYZ color 55.8814, 59.5662, 83.4151 looks on a white background.

Color Contrast Check

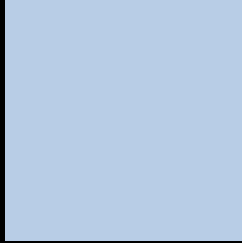
Large Text (above 18pt) WCAG AA × Fail

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 55.8814, 59.5662, 83.4151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

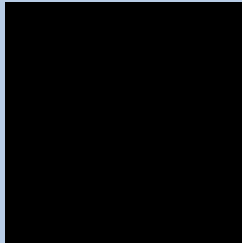
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

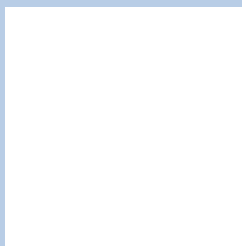
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.8814, 59.5662, 83.4151

Background



This preview shows how black text looks on a background with the XYZ color 55.8814, 59.5662, 83.4151.



This preview shows how white text looks on a background with the XYZ color 55.8814, 59.5662,

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

55.8814, 59.5662, 83.4151

Protanopia

58.3050, 59.4615, 81.0773

Deuteranopia

60.5442, 59.1686, 84.5736



Tritanopia

54.9190, 59.5376, 78.4094

Trichromacy



Original Color

55.8814, 59.5662, 83.4151

Protanomaly

57.3723, 59.3118, 81.8233

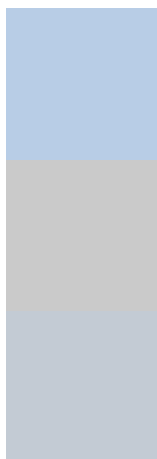
Deuteranomaly

58.6313, 59.2202, 83.9417

Tritanomaly

55.3272, 59.7009, 80.5589

Monochromacy



Original Color

55.8814, 59.5662, 83.4151

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.7453, 59.0674, 70.7504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8814, 59.5662, 83.4151 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, 205, 230)` looks like.

```
.text, #text, p{  
    color:rgb(184, 205, 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, 205, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 205, 230) }
```

Border

The CSS property to change the border of an element to XYZ 55.8814, 59.5662, 83.4151 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, 205, 230) }
```


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

```
.border{ border-color:rgb(184, 205, 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, 205, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 205, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 205, 230);  
box-shadow:4px 4px 4px 4px rgb(184, 205,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8814, 59.5662, 83.4151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 205, 230) }
```

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

```
.background{ background-color: rgb(184,  
205, 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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