

Converting Colors

XYZ(59.3782, 64.8291, 87.6223)

Have a look what the booklet for
XYZ(59.3782, 64.8291, 87.6223)
contains.

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Color

**XYZ(59.5455, 65.0381,
88.0125)**

Conversions

Conversions Part 1

Format	Color
Hex	BAD7EB
RGB	186, 215, 235
RGB Percent	73%, 84%, 92%
CMY	0.2706, 0.1568, 0.0784
CMYK	0.21, 0.09, 0.00, 0.08
HSL	204°, 55%, 83%
HSV	204°, 21%, 92%
XYZ	59.5455, 65.0381, 88.0125
YIQ	208.6090, -23.7040, 0.0720

Conversions

Conversions Part 2

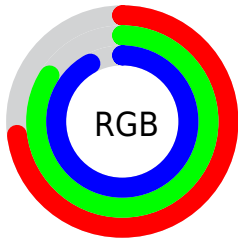
Format	Color
RYB	186, 204, 235
Decimal	12244971
CIELab	84.50, -5.37, -13.02
CIELCh	85, 14.088, 247.585
Yxy	65.0381, 0.2801, 0.3059
Android (android.graphics.Color)	4290435051 (0xFFBAD7EB)
YUV	208.6090, 13.0108, -19.8281
Hunter-Lab	80.6462, -9.3345, -8.2533

Details

The XYZ color **59.5455, 65.0381, 88.0125** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.1958, 65.3501, 55.6334**, and the grayscale version is **60.2803, 63.4195, 69.0639**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **30.2232, 33.3018, 47.4828** is the 20% darker color. If you saturate the color by 10%, you get **51.9286, 57.5932, 86.9780**, and if you desaturate by 10%, it is **68.2484, 73.2587, 89.1416**.

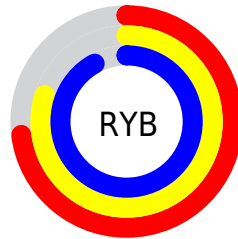
Distribution



Red (73%)

Green (84%)

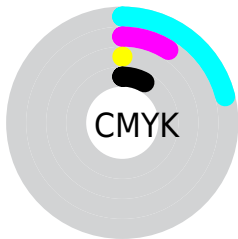
Blue (92%)



Red (73%)

Yellow (80%)

Blue (92%)

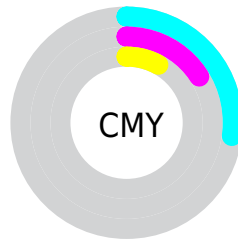


Cyan (21%)

Magenta (9%)

Yellow (0%)

Black (8%)



Cyan (27%)

Magenta (16%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5455, 65.0381, 88.0125 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 59.5455, 65.0381, 88.0125 by changing the saturation by 10% instead.

■ 59.5455, 65.0381,
88.0125

■ 59.5455, 65.0381,
88.0125

412.7821,
442.9289, 541.9465

■ 43.3005, 47.4920,
65.7690

■ 103.2802,
112.1046, 146.4859

■ 30.3165, 33.4247,
47.6296

131.5005,
142.3938, 183.5528

■ 20.2282, 22.4520,
33.1758

164.4433,
177.6995, 226.3980

■ 12.6703, 14.1894,
21.9889

202.4740,
218.4061, 275.4400

■ 7.2773, 8.2525,
13.6505

245.9579,
264.8979, 331.0973

■ 3.6840, 4.2570,
7.7420

295.2603,

■ 1.5250, 1.8183,

317.5593, 393.7885

3.8449

350.7466,
376.7749, 463.9320

■ 0.3427, 0.4986,
1.5407

■ 0.0000, 0.0000,
0.2479

■ 59.5455, 65.0381,
88.0125

■ 59.5455, 65.0381,
88.0125

■ 51.9286, 57.5932,
86.9780

■ 68.2484, 73.2587,
89.1416

■ 45.3434, 50.8874,
86.0307

■ 78.0765, 82.2738,
90.3637

■ 39.7399, 44.8930,
85.1690

■ 88.5191, 91.8251,
91.6569

■ 35.0609, 39.5765,
84.3895

■ 91.4769, 97.7408,
92.6429

■ 31.2427, 34.9014,
83.6883

■ 91.9956, 98.7782,
92.8158

■ 28.2128, 30.8261,
83.0614

■ 25.8850, 27.3021,
82.5039

■ 24.2419, 24.4909,
82.0479

Harmonies

Analogous

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



57.1597, 65.0381, 81.8812



59.5455, 65.0381, 88.0125



62.6162, 65.0381, 89.3531

Triad

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



59.5455, 65.0381, 88.0125



67.9896, 65.0381, 68.5600



58.2108, 65.0381, 57.9911

Complementary

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



59.5455, 65.0381, 88.0125



65.1958, 65.3501, 55.6334

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.



61.0241, 65.0381, 55.0373



59.5455, 65.0381, 88.0125



66.7201, 65.0381, 60.7944

Square

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



59.5455, 65.0381, 88.0125



67.5613, 65.0381, 77.6078



64.1451, 65.0381, 56.0184



56.4075, 65.0381, 64.4314

Rectangle

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



59.5455, 65.0381, 88.0125



64.6517, 65.0381, 87.2536



64.1451, 65.0381, 56.0184



59.0659, 65.0381, 56.5835

Sweetspot

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



59.5475, 65.0408, 88.0140



87.6837, 93.2933, 107.9937



61.0513, 74.2938, 69.2618



18.6028, 19.8169, 23.0945



0.0000, 0.0000, 0.0000



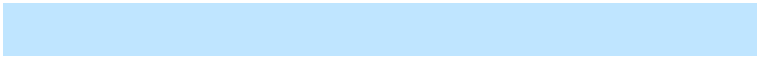
20.3446, 21.4041, 23.3091

Same Dimension

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



59.5475, 65.0408, 88.0140



67.6134, 74.3579, 105.3967



53.8554, 53.6567, 86.1166



14.9724, 16.0312, 19.2274



13.6202, 13.8873, 45.7056



1.1637, 1.2788, 3.6204

Inverse Universe

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



64.0871, 57.6878, 72.0500



74.0658, 64.2869, 82.6211



71.4497, 77.8578, 57.7180



15.4396, 15.2037, 17.6002



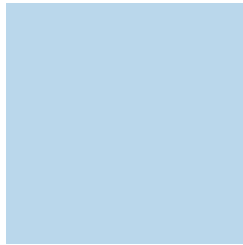
21.7301, 10.8947, 14.9120



1.7539, 0.8745, 1.4213

Previews

White Background



This preview shows how the XYZ color 59.5455, 65.0381, 88.0125 looks on a white background.

Color Contrast Check

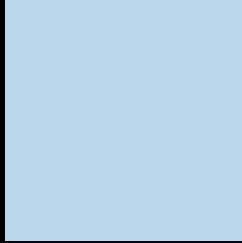
Large Text (above 18pt) WCAG AA × Fail

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 59.5455, 65.0381, 88.0125 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

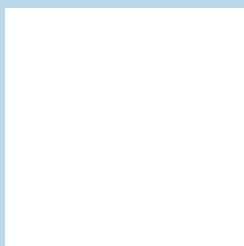
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.5455, 65.0381, 88.0125

Background



This preview shows how black text looks on a background with the XYZ color 59.5455, 65.0381, 88.0125.



This preview shows how white text looks on a background with the XYZ color 59.5455, 65.0381,

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

59.5455, 65.0381, 88.0125

Protanopia

63.2367, 64.7803, 84.7722

Deuteranopia

66.3308, 64.8371, 89.1396



Tritanopia

59.2581, 64.9232, 86.4990

Trichromacy



Original Color

59.5455, 65.0381, 88.0125

Protanomaly

61.6792, 64.6941, 85.5803

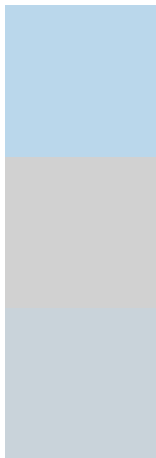
Deuteranomaly

63.6729, 64.9225, 88.5322

Tritanomaly

59.4014, 64.9805, 87.2536

Monochromacy



Original Color

59.5455, 65.0381, 88.0125

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.0365, 64.0680, 75.5318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5455, 65.0381, 88.0125 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, 215, 235)` looks like.

```
.text, #text, p{  
    color:rgb(186, 215, 235)  
}
```

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, 215, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 215, 235) }
```

Border

The CSS property to change the border of an element to XYZ 59.5455, 65.0381, 88.0125 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, 215, 235) }
```


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

```
.border{ border-color:rgb(186, 215, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 215, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 215, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 215, 235);  
box-shadow:4px 4px 4px 4px rgb(186, 215,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5455, 65.0381, 88.0125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 215, 235) }
```

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

```
.background{ background-color: rgb(186,  
215, 235) }
```

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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