

Converting Colors

XYZ(58.2960, 64.7077, 75.2707)

Have a look what the booklet for
XYZ(58.2960, 64.7077, 75.2707)
contains.

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Color

**XYZ(58.3107, 64.6870,
75.0582)**

Conversions

Conversions Part 1

Format	Color
Hex	BFD7D9
RGB	191, 215, 217
RGB Percent	75%, 84%, 85%
CMY	0.2510, 0.1568, 0.1490
CMYK	0.12, 0.01, 0.00, 0.15
HSL	185°, 25%, 80%
HSV	185°, 12%, 85%
XYZ	58.3107, 64.6870, 75.0582
YIQ	208.0520, -14.9460, -4.4660

Conversions

Conversions Part 2

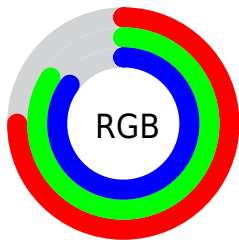
Format	Color
RYB	191, 203, 217
Decimal	12572633
CIELab	84.32, -7.57, -3.71
CIELCh	84, 8.428, 206.088
Yxy	64.6870, 0.2944, 0.3266
Android (android.graphics.Color)	4290762713 (0xFFBFD7D9)
YUV	208.0520, 4.4114, -14.9546
Hunter-Lab	80.4282, -11.3364, 0.9684

Details

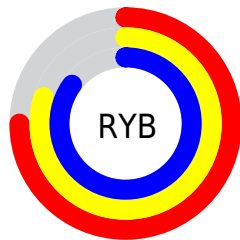
The XYZ color **58.3107, 64.6870, 75.0582** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.0896, 56.6531, 57.2176**, and the grayscale version is **59.9687, 63.0917, 68.7069**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **29.4089, 33.0686, 39.0153** is the 20% darker color. If you saturate the color by 10%, you get **52.8310, 61.2370, 74.6821**, and if you desaturate by 10%, it is **64.6070, 68.5679, 75.4765**.

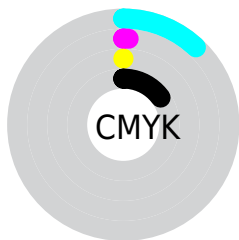
Distribution



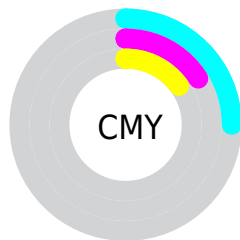
- Red (75%)
- Green (84%)
- Blue (85%)



- Red (75%)
- Yellow (80%)
- Blue (85%)



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)
- Black (15%)



- Cyan (25%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3107, 64.6870, 75.0582 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 58.3107, 64.6870, 75.0582 by changing the saturation by 10% instead.

■ 58.3107, 64.6870,
75.0582

■ 58.3107, 64.6870,
75.0582

408.2779,
441.6663, 497.3783

■ 42.3027, 47.2073,
55.1586

■ 101.4955,
111.5997, 128.1426

■ 29.5305, 33.1996,
39.1292

129.4031,
141.8016, 162.1644

■ 19.6288, 22.2794,
26.5517

162.0079,
177.0130, 201.7307

■ 12.2322, 14.0623,
17.0073

199.6753,
217.6182, 247.2601

■ 6.9754, 8.1640,
10.0777

242.7706,
264.0018, 299.1709

■ 3.4929, 4.2001,
5.3442

291.6593,

■ 1.4195, 1.7861,

316.5481, 357.8819

2.3884

346.7066,
375.6415, 423.8115

■ 0.2700, 0.4785,
0.7801

■ 0.0000, 0.0000,
0.0000

■ 58.3107, 64.6870,
75.0582

■ 58.3107, 64.6870,
75.0582

■ 52.8310, 61.2370,
74.6821

■ 64.6070, 68.5679,
75.4765

■ 48.1268, 58.1914,
74.3422

■ 71.7477, 72.8887,
75.9341

■ 44.1620, 55.5334,
74.0381

■ 79.3590, 77.4587,
76.4150

■ 40.8953, 53.2417,
73.7679

■ 79.7986, 78.3380,
76.5616

■ 38.2813, 51.2928,
73.5295

■ 80.2427, 79.2260,
76.7096

■ 36.2693, 49.6605,
73.3205

■ 80.6911, 80.1228,
76.8590

■ 34.8009, 48.3148,
73.1382

■ 81.1439, 81.0284,
77.0100

■ 33.8065, 47.2197,
72.9792

■ 81.6011, 81.9428,
77.1624

■ 33.2565, 46.4736,
72.8642

■ 82.0627, 82.8661,
77.3163

Harmonies

Analogous

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



57.9659, 64.6870, 69.7331



58.3107, 64.6870, 75.0582



59.4992, 64.6870, 79.3272

Triad

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



58.3107, 64.6870, 75.0582



64.5149, 64.6870, 76.3345



61.7286, 64.6870, 60.6531

Complementary

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



58.3107, 64.6870, 75.0582



57.0896, 56.6531, 57.2176

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.



63.5105, 64.6870, 62.2300



58.3107, 64.6870, 75.0582



65.1396, 64.6870, 71.1378

Square

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



58.3107, 64.6870, 75.0582



63.0775, 64.6870, 80.0899



64.7684, 64.6870, 66.0021



59.9157, 64.6870, 61.5856

Rectangle

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



58.3107, 64.6870, 75.0582



60.6228, 64.6870, 80.9064



64.7684, 64.6870, 66.0021



62.3514, 64.6870, 60.9051

Sweetspot

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



58.3126, 64.6897, 75.0596



91.1470, 97.6177, 108.6459



55.8957, 64.5416, 59.8092



19.3568, 20.8008, 23.2447



0.0000, 0.0000, 0.0000



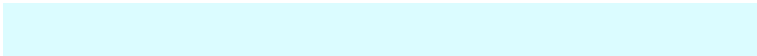
20.3446, 21.4041, 23.3091

Same Dimension

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



58.3126, 64.6897, 75.0596



82.2453, 92.1097, 108.0519



55.1945, 58.4536, 74.0203



13.3548, 14.6494, 16.7759



20.1666, 28.2027, 44.1192



1.3325, 1.8791, 2.8669

Inverse Universe

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



59.5133, 56.9210, 72.1433



84.2615, 79.1244, 103.1415



60.0275, 62.5288, 58.1968



13.5690, 13.2567, 16.2575



23.6745, 11.4708, 34.2617



1.5469, 0.7484, 2.2887

Previews

White Background



This preview shows how the XYZ color 58.3107, 64.6870, 75.0582 looks on a white background.

Color Contrast Check

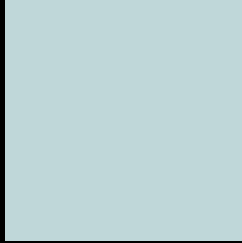
Large Text (above 18pt) WCAG AA × Fail

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 58.3107, 64.6870, 75.0582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

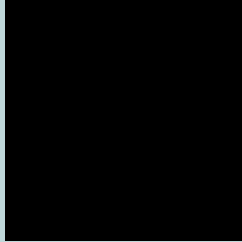
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

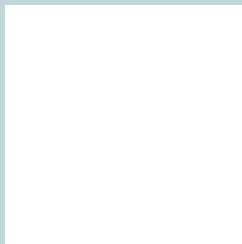
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.3107, 64.6870, 75.0582

Background



This preview shows how black text looks on a background with the XYZ color 58.3107, 64.6870, 75.0582.



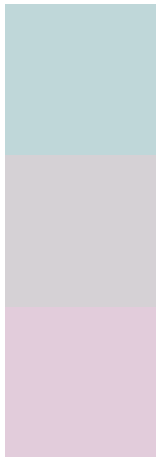
This preview shows how white text looks on a background with the XYZ color 58.3107, 64.6870,

75.0582.

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

58.3107, 64.6870, 75.0582

Protanopia

62.2513, 64.5512, 72.1294

Deuteranopia

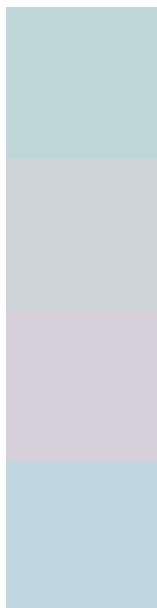
65.7431, 64.4690, 75.9966



Tritanopia

60.0695, 64.6391, 84.1735

Trichromacy



Original Color

58.3107, 64.6870, 75.0582

Protanomaly

60.6087, 64.4227, 72.8587

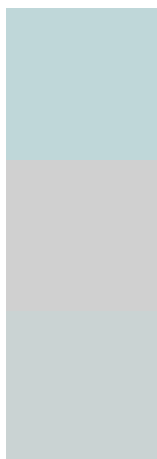
Deuteranomaly

62.6513, 64.3198, 75.4426

Tritanomaly

59.3754, 64.7358, 80.6000

Monochromacy



Original Color

58.3107, 64.6870, 75.0582

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.4093, 63.8482, 70.8208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3107, 64.6870, 75.0582 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(191, 215, 217)` looks like.

```
.text, #text, p{  
    color:rgb(191, 215, 217)  
}
```

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(191, 215, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 215, 217) }
```

Border

The CSS property to change the border of an element to XYZ 58.3107, 64.6870, 75.0582 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(191, 215, 217) }
```


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

```
.border{ border-color:rgb(191, 215, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 215, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 215, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 215, 217);  
box-shadow:4px 4px 4px 4px rgb(191, 215,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3107, 64.6870, 75.0582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 215, 217) }
```

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

```
.background{ background-color: rgb(191,  
215, 217) }
```

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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