

Converting Colors

XYZ(58.0233, 64.7527, 74.3323)

Have a look what the booklet for
XYZ(58.0233, 64.7527, 74.3323)
contains.

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Color

**XYZ(58.1857, 65.0168,
74.4485)**

Conversions

Conversions Part 1

Format	Color
Hex	BED8D8
RGB	190, 216, 216
RGB Percent	75%, 85%, 85%
CMY	0.2549, 0.1529, 0.1529
CMYK	0.12, 0.00, 0.00, 0.15
HSL	180°, 25%, 80%
HSV	180°, 12%, 85%
XYZ	58.1857, 65.0168, 74.4485
YIQ	208.2260, -15.4960, -5.5120

Conversions

Conversions Part 2

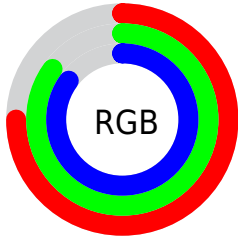
Format	Color
RYB	190, 203, 216
Decimal	12507352
CIELab	84.49, -8.61, -2.93
CIElCh	84, 9.092, 198.818
Yxy	65.0168, 0.2944, 0.3289
Android (android.graphics.Color)	4290697432 (0xFFBED8D8)
YUV	208.2260, 3.8326, -15.9842
Hunter-Lab	80.6330, -12.3001, 1.7006

Details

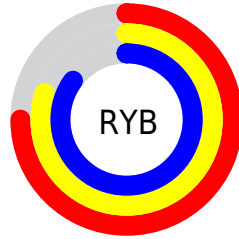
The XYZ color **58.1857, 65.0168, 74.4485** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.0289, 55.1452, 56.4091**, and the grayscale version is **60.0854, 63.2146, 68.8406**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **29.3312, 33.2972, 38.5993** is the 20% darker color. If you saturate the color by 10%, you get **53.1856, 62.4409, 74.2140**, and if you desaturate by 10%, it is **63.9891, 68.0103, 74.7234**.

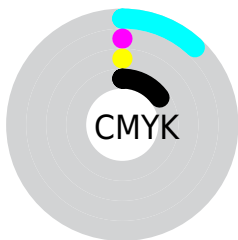
Distribution



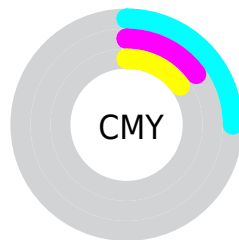
- Red (75%)
- Green (85%)
- Blue (85%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1857, 65.0168, 74.4485 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 58.1857, 65.0168, 74.4485 by changing the saturation by 10% instead.

■ 58.1857, 65.0168,
74.4485

■ 58.1857, 65.0168,
74.4485

407.8203,
442.8523, 495.2246

■ 42.2018, 47.4747,
54.6622

■ 101.3146,
112.0740, 127.2713

■ 29.4511, 33.4111,
38.7346

129.1904,
142.3579, 161.1449

■ 19.5684, 22.4415,
26.2470

161.7608,
177.6579, 200.5512

■ 12.1881, 14.1817,
16.7811

199.3912,
218.3583, 245.9090

■ 6.9450, 8.2471,
9.9183

242.4470,
264.8435, 297.6367

■ 3.4738, 4.2535,
5.2399

291.2936,

■ 1.4090, 1.8164,

317.4980, 356.1528

2.3275

346.2962,
376.7062, 421.8759

■ 0.2626, 0.4973,
0.7466

■ 0.0000, 0.0000,
0.0000

■ 58.1857, 65.0168,
74.4485

■ 58.1857, 65.0168,
74.4485

■ 53.1856, 62.4409,
74.2140

■ 63.9891, 68.0103,
74.7234

■ 48.9481, 60.2565,
74.0138

■ 70.6231, 71.4302,
75.0357

■ 45.4376, 58.4468,
73.8476

■ 78.1206, 75.2953,
75.3885

■ 42.6131, 56.9907,
73.7135

■ 78.1934, 75.3327,
75.3938

■ 40.4298, 55.8652,
73.6094

■ 78.1938, 75.3329,
75.3957

■ 38.8374, 55.0444,
73.5330

■ 78.1941, 75.3330,
75.3976

■ 37.7785, 54.4985,
73.4816

■ 78.1945, 75.3332,
75.3995

■ 37.1838, 54.1920,
73.4518

■ 78.1949, 75.3333,
75.4014

■ 36.9488, 54.0709,
73.4393

■ 78.1952, 75.3335,
75.4033

Harmonies

Analogous

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



58.0569, 65.0168, 68.6529



58.1857, 65.0168, 74.4485



59.2694, 65.0168, 79.5160

Triad

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



58.1857, 65.0168, 74.4485



64.7719, 65.0168, 78.3872



62.5542, 65.0168, 60.4119

Complementary

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



58.1857, 65.0168, 74.4485



56.0289, 55.1452, 56.4091

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.



64.3945, 65.0168, 62.7311



58.1857, 65.0168, 74.4485



65.6933, 65.0168, 72.9756

Square

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



58.1857, 65.0168, 74.4485



63.0603, 65.0168, 81.8743



65.5537, 65.0168, 67.2577



60.5497, 65.0168, 60.7583

Rectangle

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



58.1857, 65.0168, 74.4485



60.4010, 65.0168, 81.7012



65.5537, 65.0168, 67.2577



63.2133, 65.0168, 60.9003

Sweetspot

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



58.1876, 65.0195, 74.4499



91.3962, 98.1164, 108.7279



55.1956, 63.8352, 58.1284



19.4202, 20.9276, 23.2655



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.



58.1876, 65.0195, 74.4499



83.1130, 93.8463, 108.3375



55.0901, 58.8239, 73.4196



12.7922, 14.1079, 15.9860



21.8689, 32.0029, 43.4666



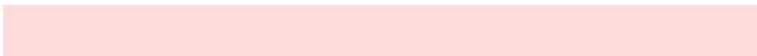
1.3190, 1.9303, 2.6218

Inverse Universe

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



56.0289, 55.1452, 56.4091



79.4762, 77.2103, 77.9425



58.8693, 60.8264, 57.3540



12.4234, 12.4208, 12.9037



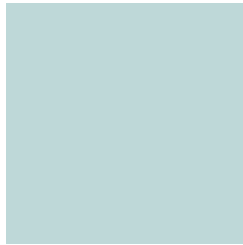
16.7620, 8.6411, 0.7851



1.0110, 0.5212, 0.0475

Previews

White Background



This preview shows how the XYZ color 58.1857, 65.0168, 74.4485 looks on a white background.

Color Contrast Check

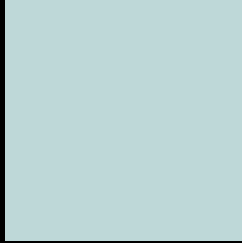
Large Text (above 18pt) WCAG AA × Fail

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 58.1857, 65.0168, 74.4485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

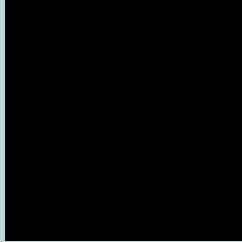
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

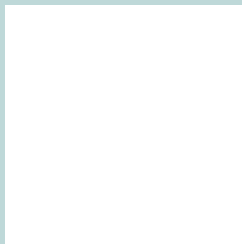
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.1857, 65.0168, 74.4485

Background



This preview shows how black text looks on a background with the XYZ color 58.1857, 65.0168, 74.4485.

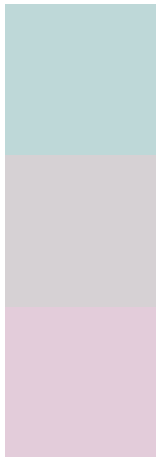


This preview shows how white text looks on a background with the XYZ color 58.1857, 65.0168,

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

58.1857, 65.0168, 74.4485

Protanopia

62.4157, 64.6505, 71.4765

Deuteranopia

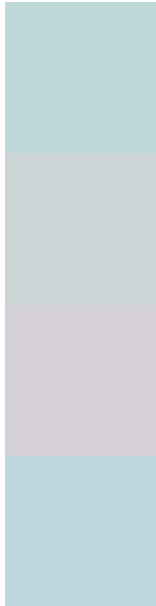
65.9263, 64.5786, 75.3199



Tritanopia

60.4627, 65.2001, 84.9995

Trichromacy



Original Color

58.1857, 65.0168, 74.4485

Protanomaly

60.7306, 64.8702, 72.2711

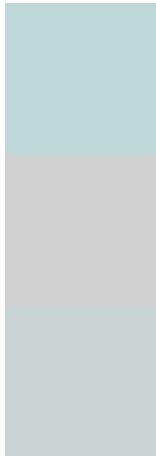
Deuteranomaly

62.8118, 64.4176, 74.7690

Tritanomaly

59.7661, 65.2983, 81.4053

Monochromacy



Original Color

58.1857, 65.0168, 74.4485

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.1395, 63.7092, 70.8081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1857, 65.0168, 74.4485 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(190, 216, 216) looks like.

```
.text, #text, p{  
    color:rgb(190, 216, 216)  
}
```

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(190, 216, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 216, 216) }
```

Border

The CSS property to change the border of an element to XYZ 58.1857, 65.0168, 74.4485 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(190, 216, 216) }
```


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

```
.border{ border-color:rgb(190, 216, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 216, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 216, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 216, 216);  
box-shadow:4px 4px 4px 4px rgb(190, 216,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1857, 65.0168, 74.4485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 216, 216) }
```

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

```
.background{ background-color: rgb(190,  
216, 216) }
```

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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