

Converting Colors

XYZ(58.0552, 65.5690, 75.5482)

Have a look what the booklet for
XYZ(58.0552, 65.5690, 75.5482)
contains.

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Color

**XYZ(58.0893, 65.7174,
75.2687)**

Conversions

Conversions Part 1

Format	Color
Hex	BBDAD9
RGB	187, 218, 217
RGB Percent	73%, 85%, 85%
CMY	0.2667, 0.1451, 0.1490
CMYK	0.14, 0.00, 0.00, 0.15
HSL	178°, 30%, 79%
HSV	178°, 14%, 85%
XYZ	58.0893, 65.7174, 75.2687
YIQ	208.6170, -18.1550, -6.8830

Conversions

Conversions Part 2

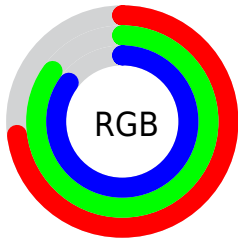
Format	Color
RYB	187, 203, 218
Decimal	12311257
CIELab	84.85, -10.39, -2.96
CIELCh	85, 10.804, 195.887
Yxy	65.7174, 0.2918, 0.3301
Android (android.graphics.Color)	4290501337 (0xFFBBDAD9)
YUV	208.6170, 4.1328, -18.9581
Hunter-Lab	81.0663, -13.9590, 1.6966

Details

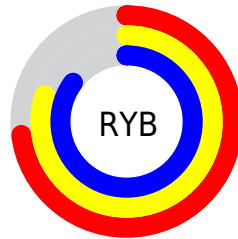
The XYZ color **58.0893, 65.7174, 75.2687** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.7632, 54.0787, 55.0791**, and the grayscale version is **60.3388, 63.4812, 69.1310**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **29.2916, 33.7896, 39.1606** is the 20% darker color. If you saturate the color by 10%, you get **53.0646, 63.1394, 74.5569**, and if you desaturate by 10%, it is **63.9278, 68.7184, 76.0234**.

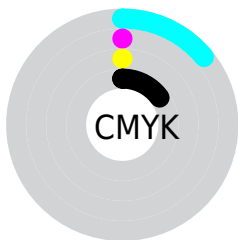
Distribution



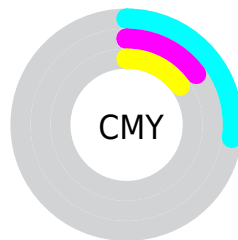
- Red (73%)
- Green (85%)
- Blue (85%)



- Red (73%)
- Yellow (80%)
- Blue (85%)



- Cyan (14%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0893, 65.7174, 75.2687 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 58.0893, 65.7174, 75.2687 by changing the saturation by 10% instead.

■ 58.0893, 65.7174,
75.2687

■ 58.0893, 65.7174,
75.2687

407.4671,
445.3655, 498.1207

■ 42.1240, 48.0430,
55.3300

■ 101.1751,
113.0806, 128.4432

■ 29.3899, 33.8610,
39.2656

129.0263,
143.5383, 162.5162

■ 19.5217, 22.7868,
26.6570

161.5702,
179.0258, 202.1375

■ 12.1541, 14.4362,
17.0856

199.1721,
219.9276, 247.7260

■ 6.9217, 8.4246,
10.1330

242.1974,
266.6281, 299.6999

■ 3.4591, 4.3679,
5.3804

291.0114,

■ 1.4009, 1.8814,

319.5117, 358.4780

2.4096

345.9795,
378.9627, 424.4787

■ 0.2569, 0.5372,
0.7916

■ 0.0000, 0.0000,
0.0000

■ 58.0893, 65.7174,
75.2687

■ 58.0893, 65.7174,
75.2687

■ 53.0646, 63.1394,
74.5569

■ 63.9278, 68.7184,
76.0234

■ 48.8117, 60.9575,
73.8819

■ 70.6085, 72.1518,
76.8182

■ 45.2932, 59.1541,
73.2433

■ 78.1655, 76.0368,
77.6560

■ 42.4666, 57.7074,
72.6391

■ 79.2075, 76.5632,
78.1910

■ 40.2850, 56.5932,
72.0671

■ 79.3011, 76.6006,
78.6837

■ 38.6956, 55.7841,
71.5249

■ 79.3950, 76.6382,
79.1785

■ 37.6372, 55.2488,
71.0095

■ 79.4894, 76.6760,
79.6753

■ 37.0355, 54.9489,
70.5176

■ 79.5841, 76.7139,
80.1743

■ 36.8242, 54.8459,
70.2407

■ 79.6793, 76.7519,
80.6753

Harmonies

Analogous

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



58.0537, 65.7174, 68.3519



58.0893, 65.7174, 75.2687



59.2764, 65.7174, 81.5649

Triad

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



58.0893, 65.7174, 75.2687



65.8662, 65.7174, 81.2466



63.6049, 65.7174, 59.3835

Complementary

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



58.0893, 65.7174, 75.2687



55.7632, 54.0787, 55.0791

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.



65.7606, 65.7174, 62.3997



58.0893, 65.7174, 75.2687



67.0888, 65.7174, 74.8568

Square

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



58.0893, 65.7174, 75.2687



63.7460, 65.7174, 85.1655



67.0497, 65.7174, 67.9657



61.1962, 65.7174, 59.4779

Rectangle

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



58.0893, 65.7174, 75.2687



60.5790, 65.7174, 84.4327



67.0497, 65.7174, 67.9657



64.3844, 65.7174, 60.0583

Sweetspot

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



58.0912, 65.7201, 75.2702



91.3433, 98.0953, 108.4494



54.7902, 64.4291, 56.5631



19.4067, 20.9222, 23.1947



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.



58.0912, 65.7201, 75.2702



80.6355, 92.5951, 107.0508



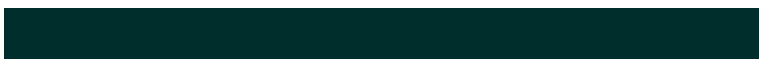
54.6324, 58.5931, 74.7631



13.4257, 14.8219, 16.7048



22.0686, 32.8601, 42.1222



1.4356, 2.1312, 2.7596

Inverse Universe

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



55.7632, 54.0787, 55.0791



76.7130, 72.9789, 73.0291



58.8811, 60.4868, 55.5865



13.0730, 13.0583, 13.6458



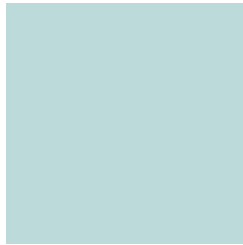
17.3529, 8.9422, 0.9726



1.1304, 0.5818, 0.0954

Previews

White Background



This preview shows how the XYZ color 58.0893, 65.7174, 75.2687 looks on a white background.

Color Contrast Check

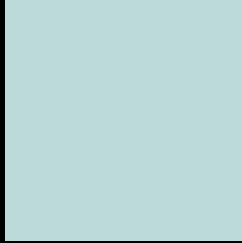
Large Text (above 18pt) WCAG AA × Fail

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 58.0893, 65.7174, 75.2687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

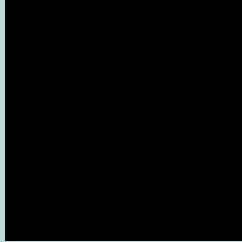
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

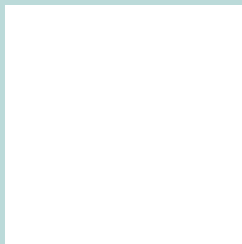
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0893, 65.7174, 75.2687

Background



This preview shows how black text looks on a background with the XYZ color 58.0893, 65.7174, 75.2687.



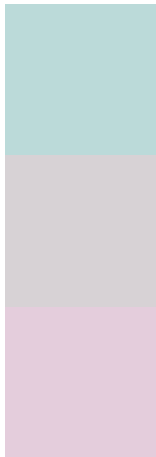
This preview shows how white text looks on a background with the XYZ color 58.0893, 65.7174,

75.2687.

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

58.0893, 65.7174, 75.2687

Protanopia

63.0812, 65.3444, 72.2388

Deuteranopia

66.7445, 65.3239, 76.8011



Tritanopia

60.4991, 65.9421, 86.6302

Trichromacy



Original Color

58.0893, 65.7174, 75.2687

Protanomaly

61.1087, 65.4227, 73.0254

Deuteranomaly

63.2733, 65.3538, 76.2975

Tritanomaly

59.6642, 65.9906, 82.2659

Monochromacy



Original Color

58.0893, 65.7174, 75.2687

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.5145, 64.2579, 71.5536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0893, 65.7174, 75.2687 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(187, 218, 217)` looks like.

```
.text, #text, p{  
    color:rgb(187, 218, 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(187, 218, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 218, 217) }
```

Border

The CSS property to change the border of an element to XYZ 58.0893, 65.7174, 75.2687 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(187, 218, 217) }
```


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

```
.border{ border-color:rgb(187, 218, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 218, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 218, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 218, 217);  
box-shadow:4px 4px 4px 4px rgb(187, 218,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0893, 65.7174, 75.2687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 218, 217) }
```

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

```
.background{ background-color: rgb(187,  
218, 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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