

Converting Colors

XYZ(58.4058, 63.9306, 78.2634)

Have a look what the booklet for
XYZ(58.4058, 63.9306, 78.2634)
contains.

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Color

**XYZ(58.4649, 63.9388,
78.3672)**

Conversions

Conversions Part 1

Format	Color
Hex	BFD5DE
RGB	191, 213, 222
RGB Percent	75%, 84%, 87%
CMY	0.2510, 0.1647, 0.1294
CMYK	0.14, 0.04, 0.00, 0.13
HSL	197°, 32%, 81%
HSV	197°, 14%, 87%
XYZ	58.4649, 63.9388, 78.3672
YIQ	207.4480, -16.0010, -1.8650

Conversions

Conversions Part 2

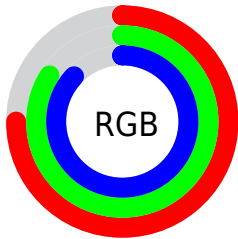
Format	Color
R _Y B	191, 204, 222
Decimal	12572126
CIE Lab	83.93, -5.52, -6.93
CIE LCh	84, 8.864, 231.474
Yxy	63.9388, 0.2912, 0.3185
Android (android.graphics.Color)	4290762206 (0xFFBFD5DE)
YUV	207.4480, 7.1741, -14.4249
Hunter-Lab	79.9617, -9.4208, -2.1345

Details

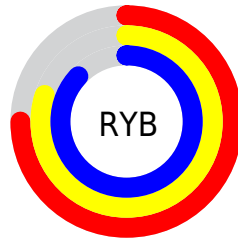
The XYZ color **58.4649, 63.9388, 78.3672** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.1828, 60.5994, 57.8162**, and the grayscale version is **59.5611, 62.6630, 68.2400**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **29.5184, 32.5621, 41.2885** is the 20% darker color. If you saturate the color by 10%, you get **51.7115, 58.1006, 77.5973**, and if you desaturate by 10%, it is **66.1327, 70.3473, 79.2010**.

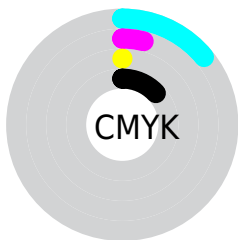
Distribution



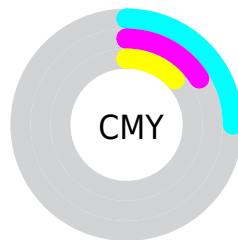
- Red (75%)
- Green (84%)
- Blue (87%)



- Red (75%)
- Yellow (80%)
- Blue (87%)



- Cyan (14%)
- Magenta (4%)
- Yellow (0%)
- Black (13%)



- Cyan (25%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4649, 63.9388, 78.3672 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 58.4649, 63.9388, 78.3672 by changing the saturation by 10% instead.

■ 58.4649, 63.9388,
78.3672

■ 58.4649, 63.9388,
78.3672

408.8420,
438.9686, 508.9739

■ 42.4272, 46.6011,
57.8574

■ 101.7186,
110.5228, 132.8582

■ 29.6285, 32.7204,
41.2801

129.6654,
140.5379, 167.6765

■ 19.7035, 21.9124,
28.2167

162.3126,
175.5476, 208.1014

■ 12.2867, 13.7925,
18.2486

200.0255,
215.9362, 254.5515

■ 7.0128, 7.9765,
10.9573

243.1696,
262.0883, 307.4452

■ 3.5165, 4.0799,
5.9243

292.1101,

■ 1.4324, 1.7184,

314.3881, 367.2012

2.7311

347.2125,
373.2201, 434.2379

■ 0.2792, 0.4355,
0.9590

■ 0.0000, 0.0000,
0.0000

■ 58.4649, 63.9388,
78.3672

■ 58.4649, 63.9388,
78.3672

■ 51.7115, 58.1006,
77.5973

■ 66.1327, 70.3473,
79.2010

■ 45.8281, 52.8038,
76.8850

■ 74.7455, 77.3380,
80.0964

■ 40.7750, 48.0284,
76.2296

■ 83.3756, 84.4352,
81.0115

■ 36.5071, 43.7500,
75.6287

■ 85.2261, 88.1363,
81.6283

■ 32.9745, 39.9418,
75.0798

■ 87.1439, 91.9718,
82.2676

■ 30.1215, 36.5738,
74.5801

■ 89.1295, 95.9431,
82.9295

■ 27.8836, 33.6117,
74.1263

■ 90.1850, 98.0540,
83.2813

■ 26.1825, 31.0137,
73.7145

■ 25.3389, 29.5818,
73.4826

Harmonies

Analogous

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



57.3470, 63.9388, 73.6265



58.4649, 63.9388, 78.3672



60.2174, 63.9388, 80.7942

Triad

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



58.4649, 63.9388, 78.3672



64.5582, 63.9388, 71.2236



59.4088, 63.9388, 60.0907

Complementary

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



58.4649, 63.9388, 78.3672



60.1828, 60.5994, 57.8162

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.



61.3298, 63.9388, 59.5240



58.4649, 63.9388, 78.3672



64.3305, 63.9388, 65.7587

Square

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



58.4649, 63.9388, 78.3672



63.7545, 63.9388, 76.5278



63.1388, 63.9388, 61.5464



57.8838, 63.9388, 63.1381

Rectangle

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



58.4649, 63.9388, 78.3672



61.5213, 63.9388, 80.6883



63.1388, 63.9388, 61.5464



60.0286, 63.9388, 59.6105

Sweetspot

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



58.4668, 63.9415, 78.3686



90.4593, 96.2423, 108.4166



58.0082, 67.4800, 64.4796



19.1823, 20.4517, 23.1865



0.0000, 0.0000, 0.0000



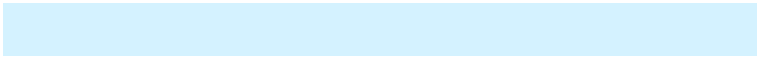
20.3446, 21.4041, 23.3091

Same Dimension

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



58.4668, 63.9415, 78.3686



76.9775, 84.9190, 106.9416



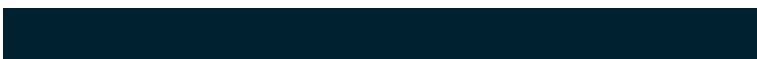
54.8011, 56.6102, 77.1468



13.7630, 14.8651, 17.5316



15.1506, 17.7708, 43.6799



1.1260, 1.3835, 3.0529

Inverse Universe

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



60.7667, 57.5966, 70.8684



80.7861, 74.6082, 94.4775



63.9019, 68.0376, 59.0559



14.1166, 13.8643, 16.3842



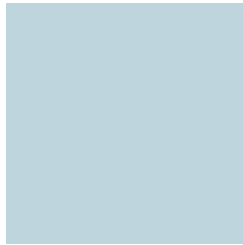
21.5875, 10.7020, 20.2915



1.5346, 0.7571, 1.6082

Previews

White Background



This preview shows how the XYZ color 58.4649, 63.9388, 78.3672 looks on a white background.

Color Contrast Check

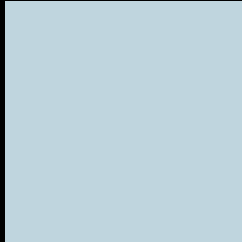
Large Text (above 18pt) WCAG AA × Fail

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 58.4649, 63.9388, 78.3672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

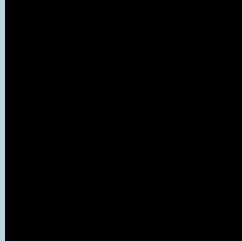
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

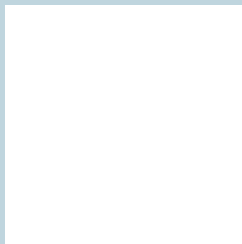
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.4649, 63.9388, 78.3672

Background



This preview shows how black text looks on a background with the XYZ color 58.4649, 63.9388, 78.3672.



This preview shows how white text looks on a background with the XYZ color 58.4649, 63.9388,

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

58.4649, 63.9388, 78.3672

Protanopia

61.9204, 63.9279, 76.0936

Deuteranopia

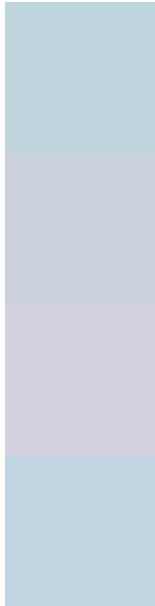
64.9347, 63.6233, 79.3791



Tritanopia

59.4246, 63.9506, 83.3404

Trichromacy



Original Color

58.4649, 63.9388, 78.3672

Protanomaly

60.5935, 63.9570, 76.8615

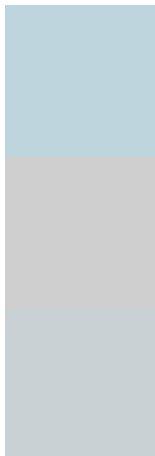
Deuteranomaly

62.4961, 63.8022, 78.8332

Tritanomaly

59.0092, 63.7844, 81.1530

Monochromacy



Original Color

58.4649, 63.9388, 78.3672

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.7715, 62.7719, 71.3060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4649, 63.9388, 78.3672 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, 213, 222)` looks like.

```
.text, #text, p{  
    color:rgb(191, 213, 222)  
}
```

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, 213, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 213, 222) }
```

Border

The CSS property to change the border of an element to XYZ 58.4649, 63.9388, 78.3672 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, 213, 222) }
```


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

```
.border{ border-color:rgb(191, 213, 222) }
```

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

Here you see how a box with a 4 pixel rgb(191, 213, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 213, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 213, 222);  
box-shadow:4px 4px 4px 4px rgb(191, 213,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4649, 63.9388, 78.3672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 213, 222) }
```

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

```
.background{ background-color: rgb(191,  
213, 222) }
```

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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