

Converting Colors

XYZ(58.2523, 63.3131, 75.0432)

Have a look what the booklet for
XYZ(58.2523, 63.3131, 75.0432)
contains.

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Color

**XYZ(58.0668, 63.0676,
74.7585)**

Conversions

Conversions Part 1

Format	Color
Hex	C2D3D9
RGB	194, 211, 217
RGB Percent	76%, 83%, 85%
CMY	0.2392, 0.1725, 0.1490
CMYK	0.11, 0.03, 0.00, 0.15
HSL	196°, 23%, 81%
HSV	196°, 11%, 85%
XYZ	58.0668, 63.0676, 74.7585
YIQ	206.6010, -12.0580, -1.7380

Conversions

Conversions Part 2

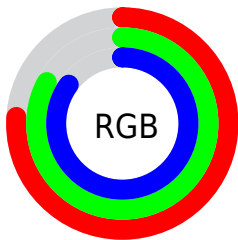
Format	Color
RYB	194, 204, 217
Decimal	12768217
CIELab	83.48, -4.52, -4.93
CIElCh	83, 6.688, 227.443
Yxy	63.0676, 0.2964, 0.3219
Android (android.graphics.Color)	4290958297 (0xFFC2D3D9)
YUV	206.6010, 5.1267, -11.0511
Hunter-Lab	79.4151, -8.4607, -0.2229

Details

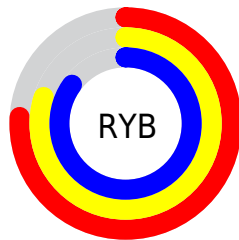
The XYZ color **58.0668, 63.0676, 74.7585** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.0076, 59.9551, 59.5026**, and the grayscale version is **59.0267, 62.1007, 67.6276**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **29.3938, 32.2980, 38.8673** is the 20% darker color. If you saturate the color by 10%, you get **51.5185, 57.6433, 74.0576**, and if you desaturate by 10%, it is **65.4815, 69.0154, 75.5167**.

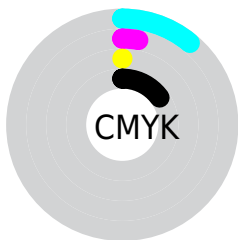
Distribution



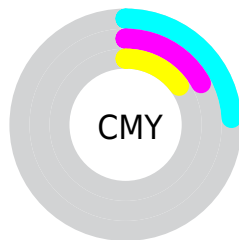
- Red (76%)
- Green (83%)
- Blue (85%)



- Red (76%)
- Yellow (80%)
- Blue (85%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (15%)



- Cyan (24%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0668, 63.0676, 74.7585 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 58.0668, 63.0676, 74.7585 by changing the saturation by 10% instead.

■ 58.0668, 63.0676,
74.7585

■ 58.0668, 63.0676,
74.7585

407.3847,
435.8148, 496.3203

■ 42.1058, 45.8959,
54.9145

■ 101.1425,
109.2670, 127.7144

■ 29.3756, 32.1637,
38.9352

128.9880,
139.0636, 161.6634

■ 19.5109, 21.4866,
26.4018

161.5257,
173.8371, 201.1512

■ 12.1462, 13.4801,
16.8960

199.1209,
213.9722, 246.5963

■ 6.9162, 7.7600,
9.9992

242.1391,
259.8531, 298.4172

■ 3.4556, 3.9418,
5.2928

290.9455,

■ 1.3990, 1.6410,

311.8642, 357.0325

2.3584

345.9056,
370.3900, 422.8607

■ 0.2555, 0.3850,
0.7636

■ 0.0000, 0.0000,
0.0000

■ 58.0668, 63.0676,
74.7585

■ 58.0668, 63.0676,
74.7585

■ 51.5185, 57.6433,
74.0576

■ 65.4815, 69.0154,
75.5167

■ 45.7954, 52.7154,
73.4081

■ 73.7907, 75.4968,
76.3298

■ 40.8614, 48.2663,
72.8094

■ 81.5022, 81.7450,
77.1294

■ 36.6751, 44.2738,
72.2594

■ 83.0842, 84.9090,
77.6567

■ 33.1911, 40.7138,
71.7559

■ 84.7176, 88.1758,
78.2012

■ 30.3592, 37.5596,
71.2963

■ 86.4028, 91.5464,
78.7630

■ 28.1217, 34.7806,
70.8778

■ 88.1405, 95.0216,
79.3422

■ 26.4103, 32.3407,
70.4971

■ 89.5246, 97.7898,
79.8035

■ 25.1684, 30.2975,
70.1682

Harmonies

Analogous

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



57.3076, 63.0676, 71.1060



58.0668, 63.0676, 74.7585



59.3361, 63.0676, 76.8128

Triad

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



58.0668, 63.0676, 74.7585



62.7235, 63.0676, 70.4312



59.1070, 63.0676, 61.2879

Complementary

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



58.0668, 63.0676, 74.7585



59.0076, 59.9551, 59.5026

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.



60.5558, 63.0676, 61.1238



58.0668, 63.0676, 74.7585



62.6598, 63.0676, 66.2901

Square

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



58.0668, 63.0676, 74.7585



62.0337, 63.0676, 74.2473



61.8609, 63.0676, 62.9212



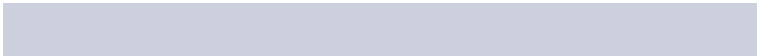
57.9015, 63.0676, 63.3790

Rectangle

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



58.0668, 63.0676, 74.7585



60.3079, 63.0676, 76.9470



61.8609, 63.0676, 62.9212



59.5813, 63.0676, 61.0087

Sweetspot

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



58.0686, 63.0702, 74.7599



91.6583, 97.3118, 108.5599



57.4582, 65.2546, 64.0587



19.4289, 20.6775, 23.2171



0.0000, 0.0000, 0.0000



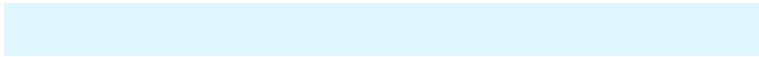
20.3446, 21.4041, 23.3091

Same Dimension

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



58.0686, 63.0702, 74.7599



81.1926, 88.8545, 107.4791



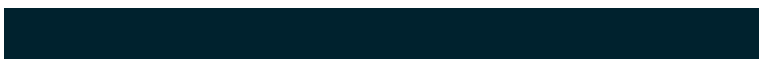
55.3701, 57.6731, 73.8604



13.1426, 14.2250, 16.7051



15.3253, 18.5200, 42.5054



1.0613, 1.3366, 2.7765

Inverse Universe

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



59.6664, 58.0398, 69.6891



84.0108, 80.0986, 98.5086



61.7104, 65.3607, 60.4035



13.4619, 13.2138, 15.6933



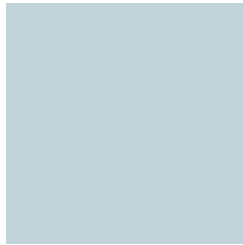
21.2308, 10.4934, 21.3933



1.4100, 0.6936, 1.5678

Previews

White Background



This preview shows how the XYZ color 58.0668, 63.0676, 74.7585 looks on a white background.

Color Contrast Check

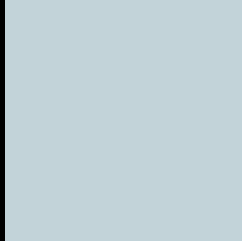
Large Text (above 18pt) WCAG AA × Fail

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 58.0668, 63.0676, 74.7585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

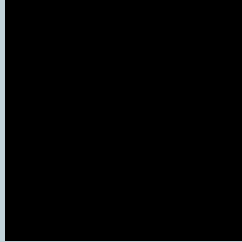
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

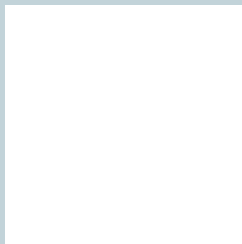
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0668, 63.0676, 74.7585

Background



This preview shows how black text looks on a background with the XYZ color 58.0668, 63.0676, 74.7585.



This preview shows how white text looks on a background with the XYZ color 58.0668, 63.0676,

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

58.0668, 63.0676, 74.7585

Protanopia

60.7449, 63.0360, 72.5839

Deuteranopia

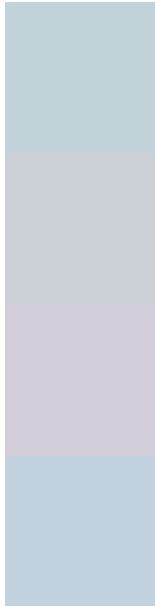
64.3381, 63.0435, 75.7955



Tritanopia

59.5390, 63.3199, 81.0354

Trichromacy



Original Color

58.0668, 63.0676, 74.7585

Protanomaly

59.7235, 62.8554, 73.2745

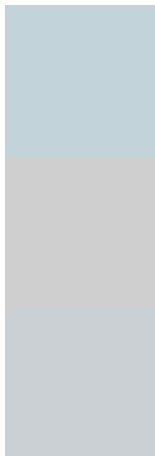
Deuteranomaly

61.6376, 62.7216, 75.1875

Tritanomaly

58.8716, 63.0230, 78.8738

Monochromacy



Original Color

58.0668, 63.0676, 74.7585

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.6709, 62.3715, 70.5746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0668, 63.0676, 74.7585 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(194, 211, 217)` looks like.

```
.text, #text, p{  
    color:rgb(194, 211, 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(194, 211, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 211, 217) }
```

Border

The CSS property to change the border of an element to XYZ 58.0668, 63.0676, 74.7585 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(194, 211, 217) }
```


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

```
.border{ border-color:rgb(194, 211, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 211, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 211, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 211, 217);  
box-shadow:4px 4px 4px 4px rgb(194, 211,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0668, 63.0676, 74.7585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 211, 217) }
```

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

```
.background{ background-color: rgb(194,  
211, 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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