

Converting Colors

XYZ(58.7681, 63.8175, 74.8672)

Have a look what the booklet for
XYZ(58.7681, 63.8175, 74.8672)
contains.

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Color

**XYZ(58.8328, 63.8325,
74.8657)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D4D9
RGB	196, 212, 217
RGB Percent	77%, 83%, 85%
CMY	0.2314, 0.1686, 0.1490
CMYK	0.10, 0.02, 0.00, 0.15
HSL	194°, 22%, 81%
HSV	194°, 10%, 85%
XYZ	58.8328, 63.8325, 74.8657
YIQ	207.7860, -11.1410, -1.8370

Conversions

Conversions Part 2

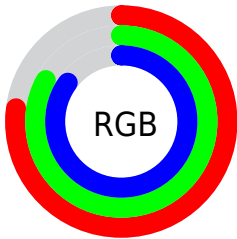
Format	Color
R _Y B	196, 205, 217
Decimal	12899545
CIE Lab	83.88, -4.39, -4.32
CIE LCh	84, 6.161, 224.525
Yxy	63.8325, 0.2978, 0.3232
Android (android.graphics.Color)	4291089625 (0xFFC4D4D9)
YUV	207.7860, 4.5425, -10.3363
Hunter-Lab	79.8952, -8.3739, 0.3691

Details

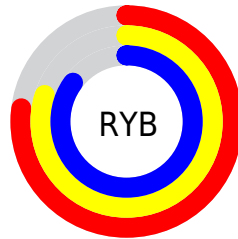
The XYZ color **58.8328, 63.8325, 74.8657** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.4660, 60.5100, 60.7710**, and the grayscale version is **59.7938, 62.9078, 68.5066**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **29.7339, 32.4734, 38.8833** is the 20% darker color. If you saturate the color by 10%, you get **52.3218, 58.5921, 74.1984**, and if you desaturate by 10%, it is **66.2051, 69.5817, 75.5878**.

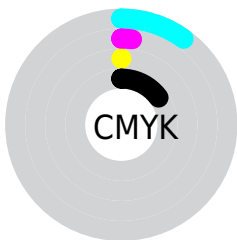
Distribution



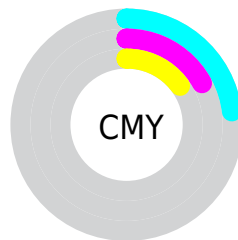
- Red (77%)
- Green (83%)
- Blue (85%)



- Red (77%)
- Yellow (80%)
- Blue (85%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (23%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8328, 63.8325, 74.8657 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 58.8328, 63.8325, 74.8657 by changing the saturation by 10% instead.

■ 58.8328, 63.8325,
74.8657

■ 58.8328, 63.8325,
74.8657

410.1860,
438.5845, 496.6989

■ 42.7244, 46.5150,
55.0018

102.2506,
110.3697, 127.8676

■ 29.8625, 32.6524,
39.0046

130.2908,
140.3582, 161.8427

■ 19.8818, 21.8603,
26.4554

163.0389,
175.3391, 201.3585

■ 12.4169, 13.7543,
16.9358

200.8603,
215.6969, 246.8338

■ 7.1025, 7.9500,
10.0273

244.1203,
261.8159, 298.6869

■ 3.5732, 4.0630,
5.3112

293.1844,

■ 1.4636, 1.7088,

314.0806, 357.3364

2.3691

348.4178,
372.8754, 423.2009

■ 0.3009, 0.4294,
0.7695

■ 0.0000, 0.0000,
0.0000

■ 58.8328, 63.8325,
74.8657

■ 58.8328, 63.8325,
74.8657

■ 52.3218, 58.5921,
74.1984

■ 66.2051, 69.5817,
75.5878

■ 46.6314, 53.8336,
73.5798

■ 74.4664, 75.8494,
76.3622

■ 41.7256, 49.5398,
73.0096

■ 81.3692, 81.4790,
77.0850

■ 37.5636, 45.6890,
72.4857

■ 82.8067, 84.3542,
77.5642

■ 34.1006, 42.2575,
72.0058

■ 84.2871, 87.3149,
78.0577

■ 31.2869, 39.2191,
71.5677

■ 85.8105, 90.3618,
78.5655

■ 29.0658, 36.5440,
71.1684

■ 87.3774, 93.4956,
79.0878

■ 27.3704, 34.1970,
70.8047

■ 88.9882, 96.7170,
79.6247

■ 26.0852, 32.1181,
70.4712

■ 89.5246, 97.7898,
79.8035

Harmonies

Analogous

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



58.1843, 63.8325, 71.3904



58.8328, 63.8325, 74.8657



59.9785, 63.8325, 76.9424

Triad

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



58.8328, 63.8325, 74.8657



63.2158, 63.8325, 71.5122



60.0200, 63.8325, 62.5289

Complementary

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



58.8328, 63.8325, 74.8657



59.4660, 60.5100, 60.7710

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.



61.3685, 63.8325, 62.5588



58.8328, 63.8325, 74.8657



63.2273, 63.8325, 67.6487

Square

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



58.8328, 63.8325, 74.8657



62.5157, 63.8325, 74.9577



62.5468, 63.8325, 64.4022



58.8628, 63.8325, 64.3190

Rectangle

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



58.8328, 63.8325, 74.8657



60.8766, 63.8325, 77.2073



62.5468, 63.8325, 64.4022



60.4656, 63.8325, 62.3286

Sweetspot

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



58.8346, 63.8352, 74.8671



91.7134, 97.4220, 108.5783



58.1097, 65.5749, 64.7922



19.4438, 20.7073, 23.2221



0.0000, 0.0000, 0.0000



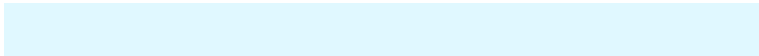
20.3446, 21.4041, 23.3091

Same Dimension

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



58.8346, 63.8352, 74.8671



82.3957, 90.0935, 107.6548



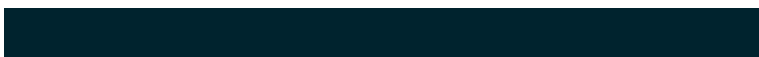
56.3171, 58.8002, 74.0279



13.1687, 14.2771, 16.7138



15.8521, 19.5736, 42.6810



1.0916, 1.3973, 2.7866

Inverse Universe

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



60.2403, 58.9863, 70.5010



84.9030, 81.5465, 99.8438



61.9738, 65.5258, 61.6069



13.4750, 13.2191, 15.7626



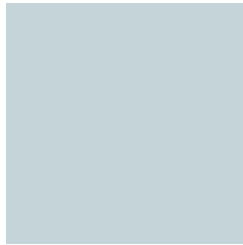
21.4967, 10.5997, 22.7936



1.4253, 0.6997, 1.6484

Previews

White Background



This preview shows how the XYZ color 58.8328, 63.8325, 74.8657 looks on a white background.

Color Contrast Check

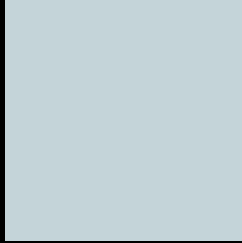
Large Text (above 18pt) WCAG AA × Fail

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 58.8328, 63.8325, 74.8657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

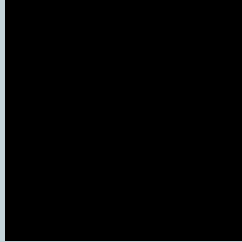
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

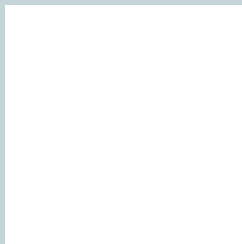
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.8328, 63.8325, 74.8657

Background



This preview shows how black text looks on a background with the XYZ color 58.8328, 63.8325, 74.8657.



This preview shows how white text looks on a background with the XYZ color 58.8328, 63.8325,

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

58.8328, 63.8325, 74.8657

Protanopia

61.5574, 63.8157, 72.6916

Deuteranopia

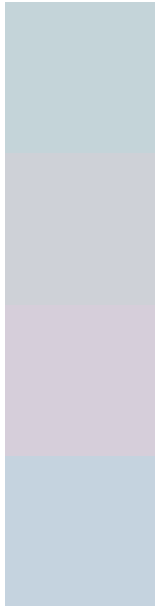
65.1935, 63.8339, 75.9029



Tritanopia

60.2004, 63.6450, 81.7849

Trichromacy



Original Color

58.8328, 63.8325, 74.8657

Protanomaly

60.5198, 63.6290, 73.3819

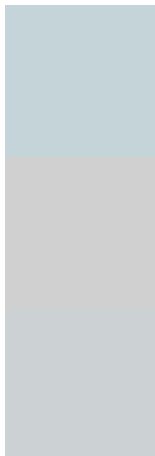
Deuteranomaly

62.4578, 63.5007, 75.2947

Tritanomaly

59.6395, 63.7866, 78.9807

Monochromacy



Original Color

58.8328, 63.8325, 74.8657

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.4602, 63.1414, 70.6816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8328, 63.8325, 74.8657 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(196, 212, 217) looks like.

```
.text, #text, p{  
    color:rgb(196, 212, 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(196, 212, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 212, 217) }
```

Border

The CSS property to change the border of an element to XYZ 58.8328, 63.8325, 74.8657 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(196, 212, 217) }
```


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

```
.border{ border-color:rgb(196, 212, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 212, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 212, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 212, 217);  
box-shadow:4px 4px 4px 4px rgb(196, 212,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8328, 63.8325, 74.8657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 212, 217) }
```

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

```
.background{ background-color: rgb(196,  
212, 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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