

Converting Colors

XYZ(60.2802, 64.5974, 75.4846)

Have a look what the booklet for
XYZ(60.2802, 64.5974, 75.4846)
contains.

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Color

**XYZ(60.2858, 64.5664,
75.6148)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D4DA
RGB	201, 212, 218
RGB Percent	79%, 83%, 85%
CMY	0.2118, 0.1686, 0.1451
CMYK	0.08, 0.03, 0.00, 0.15
HSL	201°, 19%, 82%
HSV	201°, 8%, 85%
XYZ	60.2858, 64.5664, 75.6148
YIQ	209.3950, -8.4820, -0.4660

Conversions

Conversions Part 2

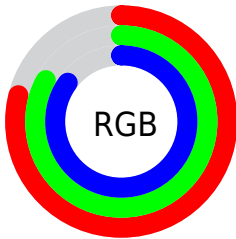
Format	Color
R _Y B	201, 208, 218
Decimal	13227226
CIE Lab	84.26, -2.56, -4.25
CIE LCh	84, 4.959, 238.969
Yxy	64.5664, 0.3007, 0.3221
Android (android.graphics.Color)	4291417306 (0xFFC9D4DA)
YUV	209.3950, 4.2423, -7.3624
Hunter-Lab	80.3532, -6.6967, 0.4536

Details

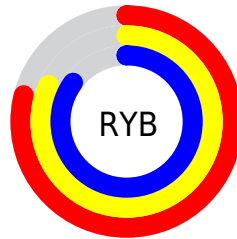
The XYZ color **60.2858, 64.5664, 75.6148** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7692, 63.7478, 64.3086**, and the grayscale version is **60.8409, 64.0094, 69.7062**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.7005, 32.9613, 39.3944** is the 20% darker color. If you saturate the color by 10%, you get **52.9599, 58.0052, 74.7355**, and if you desaturate by 10%, it is **68.5388, 71.7450, 76.5664**.

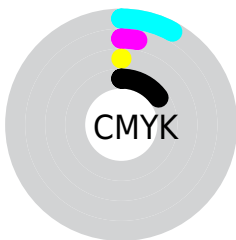
Distribution



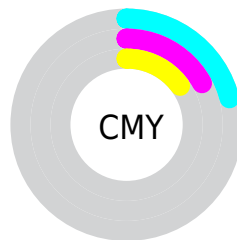
- Red (79%)
- Green (83%)
- Blue (85%)



- Red (79%)
- Yellow (82%)
- Blue (85%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (15%)



- Cyan (21%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2858, 64.5664, 75.6148 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 60.2858, 64.5664, 75.6148 by changing the saturation by 10% instead.

■ 60.2858, 64.5664,
75.6148

■ 60.2858, 64.5664,
75.6148

415.4683,
441.2322, 499.3398

■ 43.8994, 47.1096,
55.6119

104.3481,
111.4262, 128.9374

■ 30.7890, 33.1223,
39.4900

132.7548,
141.5981, 163.0941

■ 20.5893, 22.2201,
26.8304

165.8988,
176.7770, 202.8059

■ 12.9348, 14.0187,
17.2145

204.1457,
217.3474, 248.4914

■ 7.4604, 8.1337,
10.2240

247.8607,
263.6938, 300.5689

■ 3.8005, 4.1806,
5.4402

297.4093,

■ 1.5899, 1.7751,

316.2004, 359.4571

2.4446

353.1567,
375.2517, 425.5746

■ 0.3858, 0.4716,
0.8106

■ 0.0000, 0.0000,
0.0000

■ 60.2858, 64.5664,
75.6148

■ 60.2858, 64.5664,
75.6148

■ 52.9599, 58.0052,
74.7355

■ 68.5388, 71.7450,
76.5664

■ 46.5192, 52.0326,
73.9221

■ 77.7472, 79.5522,
77.5880

■ 40.9272, 46.6297,
73.1740

■ 83.6250, 85.7819,
78.4807

■ 36.1422, 41.7731,
72.4888

■ 85.8756, 90.2831,
79.2309

■ 32.1188, 37.4372,
71.8639

■ 88.2225, 94.9769,
80.0132

■ 28.8068, 33.5943,
71.2967

■ 89.6551, 97.8420,
80.4907

■ 26.1494, 30.2130,
70.7841

■ 24.0801, 27.2567,
70.3226

■ 22.5065, 24.6757,
69.9073

Harmonies

Analogous

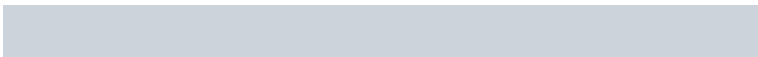
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.5386, 64.5664, 73.2731



60.2858, 64.5664, 75.6148



61.3304, 64.5664, 76.5264

Triad

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



60.2858, 64.5664, 75.6148



63.5050, 64.5664, 70.4108



60.3509, 64.5664, 65.1402

Complementary

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



60.2858, 64.5664, 75.6148



61.7692, 63.7478, 64.3086

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.



61.4064, 64.5664, 64.4243



60.2858, 64.5664, 75.6148



63.2353, 64.5664, 67.4120

Square

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



60.2858, 64.5664, 75.6148



63.1966, 64.5664, 73.4672



62.4639, 64.5664, 65.2438



59.5759, 64.5664, 67.2288

Rectangle

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



60.2858, 64.5664, 75.6148



62.0577, 64.5664, 76.1803



62.4639, 64.5664, 65.2438



60.6843, 64.5664, 64.7339

Sweetspot

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



60.2877, 64.5691, 75.6162



92.6273, 97.9030, 108.6229



60.4163, 67.0640, 68.7610



19.8515, 20.9773, 23.2527



0.0000, 0.0000, 0.0000



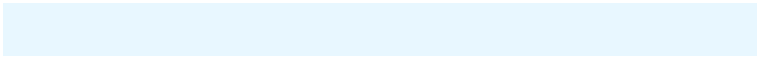
20.3446, 21.4041, 23.3091

Same Dimension

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



60.2877, 64.5691, 75.6162



84.5764, 90.8471, 107.6853



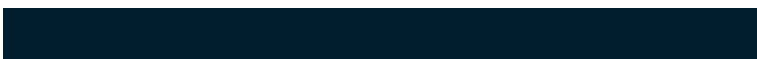
58.2295, 60.4528, 74.9302



13.0383, 14.0163, 16.6704



13.4013, 14.6721, 41.8641



0.9481, 1.1103, 2.7388

Inverse Universe

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



61.6852, 61.4336, 70.8972



86.8844, 85.7109, 99.8827



63.8723, 67.9539, 65.0096



13.4092, 13.1928, 15.4160



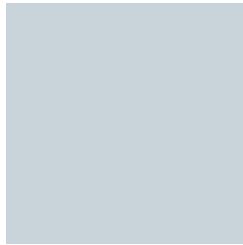
20.2597, 10.1049, 16.2794



1.3528, 0.6708, 1.2670

Previews

White Background



This preview shows how the XYZ color 60.2858, 64.5664, 75.6148 looks on a white background.

Color Contrast Check

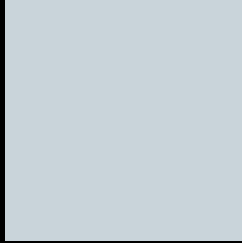
Large Text (above 18pt) WCAG AA × Fail

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 60.2858, 64.5664, 75.6148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

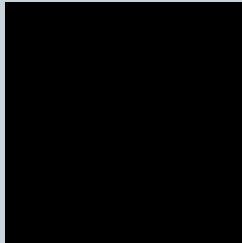
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

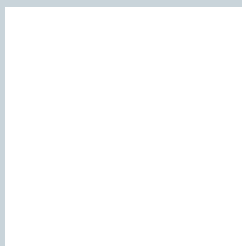
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.2858, 64.5664, 75.6148

Background



This preview shows how black text looks on a background with the XYZ color 60.2858, 64.5664, 75.6148.



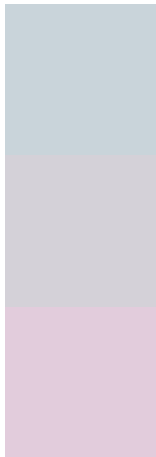
This preview shows how white text looks on a background with the XYZ color 60.2858, 64.5664,

75.6148.

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

60.2858, 64.5664, 75.6148

Protanopia

62.3465, 64.5558, 74.1403

Deuteranopia

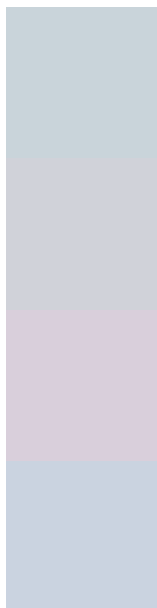
65.8752, 64.5218, 76.6921



Tritanopia

61.7880, 64.8311, 81.9301

Trichromacy



Original Color

60.2858, 64.5664, 75.6148

Protanomaly

61.5834, 64.5128, 74.8521

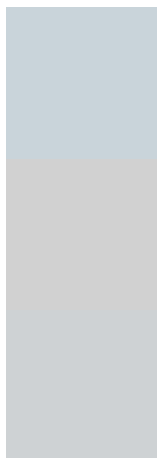
Deuteranomaly

63.7143, 64.4918, 76.1079

Tritanomaly

61.1059, 64.5269, 79.7553

Monochromacy



Original Color

60.2858, 64.5664, 75.6148

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.3839, 63.9685, 71.4519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2858, 64.5664, 75.6148 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(201, 212, 218) looks like.

```
.text, #text, p{  
    color:rgb(201, 212, 218)  
}
```

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(201, 212, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 212, 218) }
```

Border

The CSS property to change the border of an element to XYZ 60.2858, 64.5664, 75.6148 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(201, 212, 218) }
```


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

```
.border{ border-color:rgb(201, 212, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 212, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 212, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 212, 218);  
box-shadow:4px 4px 4px 4px rgb(201, 212,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2858, 64.5664, 75.6148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 212, 218) }
```

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

```
.background{ background-color: rgb(201,  
212, 218) }
```

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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