

Converting Colors

XYZ(60.0679, 63.9916, 74.5577)

Have a look what the booklet for
XYZ(60.0679, 63.9916, 74.5577)
contains.

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Color

**XYZ(60.1758, 64.1548,
74.8572)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD3D9
RGB	202, 211, 217
RGB Percent	79%, 83%, 85%
CMY	0.2078, 0.1725, 0.1490
CMYK	0.07, 0.03, 0.00, 0.15
HSL	204°, 16%, 82%
HSV	204°, 7%, 85%
XYZ	60.1758, 64.1548, 74.8572
YIQ	208.9930, -7.2900, -0.0420

Conversions

Conversions Part 2

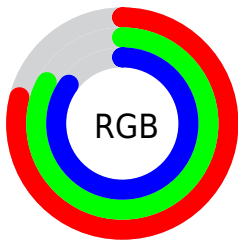
Format	Color
R _Y B	202, 208, 217
Decimal	13292505
CIE Lab	84.05, -1.90, -4.02
CIE LCh	84, 4.449, 244.753
Yxy	64.1548, 0.3021, 0.3221
Android (android.graphics.Color)	4291482585 (0xFFCAD3D9)
YUV	208.9930, 3.9475, -6.1329
Hunter-Lab	80.0967, -6.0640, 0.6561

Details

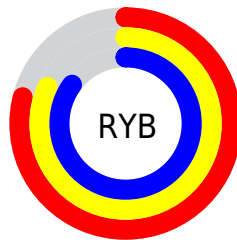
The XYZ color **60.1758, 64.1548, 74.8572** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.8322, 64.1274, 64.9972**, and the grayscale version is **60.5798, 63.7346, 69.4070**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.7913, 33.0185, 38.9327** is the 20% darker color. If you saturate the color by 10%, you get **52.6151, 57.1450, 73.9037**, and if you desaturate by 10%, it is **68.6822, 71.8284, 75.8910**.

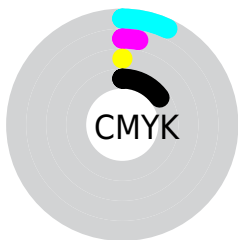
Distribution



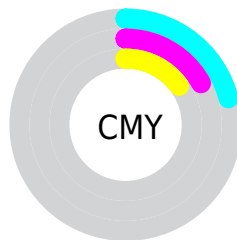
- Red (79%)
- Green (83%)
- Blue (85%)



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



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1758, 64.1548, 74.8572 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 60.1758, 64.1548, 74.8572 by changing the saturation by 10% instead.

■ 60.1758, 64.1548,
74.8572

■ 60.1758, 64.1548,
74.8572

415.0698,
439.7484, 496.6689

■ 43.8104, 46.7761,
54.9949

104.1895,
110.8338, 127.8554

■ 30.7187, 32.8587,
38.9991

132.5685,
140.9029, 161.8284

■ 20.5355, 22.0182,
26.4512

165.6828,
175.9709, 201.3421

■ 12.8954, 13.8703,
16.9327

203.8976,
216.4223, 246.8149

■ 7.4331, 8.0305,
10.0251

247.5784,
262.6413, 298.6655

■ 3.7831, 4.1145,
5.3097

297.0904,

■ 1.5802, 1.7378,

315.0124, 357.3123

2.3682

352.7991,
373.9200, 423.1739

■ 0.3794, 0.4480,
0.7691

■ 0.0000, 0.0000,
0.0000

■ 60.1758, 64.1548,
74.8572

■ 60.1758, 64.1548,
74.8572

■ 52.6151, 57.1450,
73.9037

■ 68.6822, 71.8284,
75.8910

■ 45.9585, 50.7695,
73.0239

■ 78.1627, 80.1777,
77.0029

■ 40.1692, 45.0084,
72.2170

■ 84.0580, 86.8566,
77.9814

■ 35.2059, 39.8375,
71.4805

■ 86.6315, 92.0036,
78.8392

■ 31.0234, 35.2306,
70.8118

■ 89.3282, 97.3970,
79.7381

■ 27.5719, 31.1591,
70.2078

■ 89.5246, 97.7898,
79.8036

■ 24.7952, 27.5910,
69.6654

■ 22.6279, 24.4893,
69.1810

■ 20.9855, 21.8071,
68.7498

Harmonies

Analogous

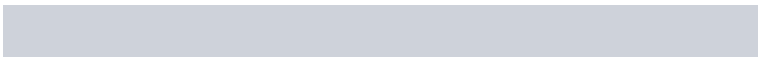
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.4397, 64.1548, 72.9802



60.1758, 64.1548, 74.8572



61.1337, 64.1548, 75.3796

Triad

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



60.1758, 64.1548, 74.8572



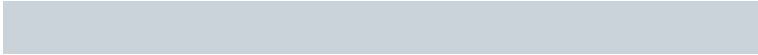
62.8774, 64.1548, 69.4068



59.9077, 64.1548, 65.5063

Complementary

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



60.1758, 64.1548, 74.8572



61.8322, 64.1274, 64.9972

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.



60.8210, 64.1548, 64.6046



60.1758, 64.1548, 74.8572



62.5410, 64.1548, 66.8178

Square

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



60.1758, 64.1548, 74.8572



62.7001, 64.1548, 72.1844



61.7857, 64.1548, 65.0782



59.2861, 64.1548, 67.5736

Rectangle

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



60.1758, 64.1548, 74.8572



61.7708, 64.1548, 74.8778



61.7857, 64.1548, 65.0782



60.1904, 64.1548, 65.0594

Sweetspot

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



60.1777, 64.1575, 74.8586



92.5515, 97.7515, 108.5977



60.5255, 66.7252, 69.2037



19.8360, 20.9465, 23.2476



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.



60.1777, 64.1575, 74.8586



85.3921, 91.2404, 107.7182



58.4162, 60.6345, 74.2715



12.9854, 13.9106, 16.6527



12.5394, 12.9483, 41.5768



0.8958, 1.0058, 2.7214

Inverse Universe

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



61.4952, 61.6973, 70.2987



87.5984, 87.1536, 100.0750



63.6412, 67.7454, 65.6002



13.3825, 13.1821, 15.2755



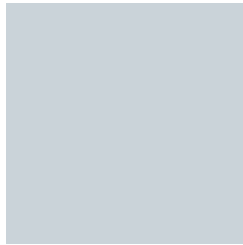
19.8247, 9.9309, 13.9886



1.3265, 0.6602, 1.1281

Previews

White Background



This preview shows how the XYZ color 60.1758, 64.1548, 74.8572 looks on a white background.

Color Contrast Check

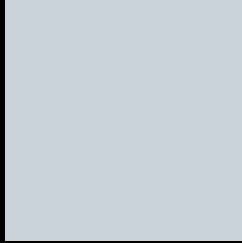
Large Text (above 18pt) WCAG AA × Fail

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 60.1758, 64.1548, 74.8572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

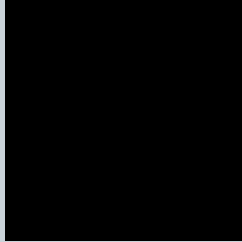
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

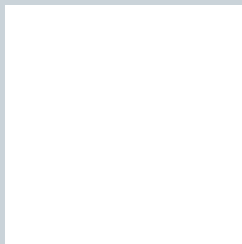
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.1758, 64.1548, 74.8572

Background



This preview shows how black text looks on a background with the XYZ color 60.1758, 64.1548, 74.8572.

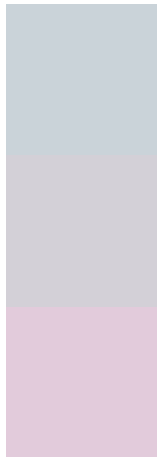


This preview shows how white text looks on a background with the XYZ color 60.1758, 64.1548,

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

60.1758, 64.1548, 74.8572

Protanopia

61.6856, 63.8669, 73.3663

Deuteranopia

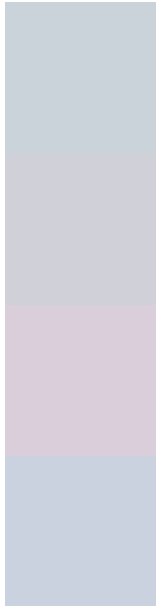
65.5061, 63.9951, 75.9176



Tritanopia

61.6759, 64.4215, 81.1354

Trichromacy



Original Color

60.1758, 64.1548, 74.8572

Protanomaly

61.2076, 63.9687, 74.0870

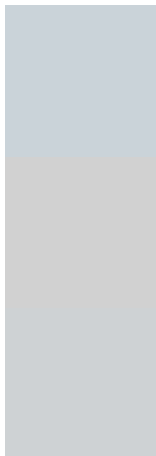
Deuteranomaly

63.3415, 63.9563, 75.3360

Tritanomaly

60.9945, 64.1174, 78.9732

Monochromacy



Original Color

60.1758, 64.1548, 74.8572

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 60.1758, 64.1548, 74.8572 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(202, 211, 217) looks like.

```
.text, #text, p{  
    color:rgb(202, 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(202, 211, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 211, 217) }
```

Border

The CSS property to change the border of an element to XYZ 60.1758, 64.1548, 74.8572 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(202, 211, 217) }
```


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

```
.border{ border-color:rgb(202, 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(202, 211, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 211, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 211, 217);  
box-shadow:4px 4px 4px 4px rgb(202, 211,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1758, 64.1548, 74.8572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 211, 217) }
```

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

```
.background{ background-color: rgb(202,  
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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