

Converting Colors

XYZ(60.6944, 64.0658, 74.8761)

Have a look what the booklet for
XYZ(60.6944, 64.0658, 74.8761)
contains.

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Color

**XYZ(60.7478, 64.0821,
74.8130)**

Conversions

Conversions Part 1

Format	Color
Hex	CDD2D9
RGB	205, 210, 217
RGB Percent	80%, 82%, 85%
CMY	0.1961, 0.1765, 0.1490
CMYK	0.06, 0.03, 0.00, 0.15
HSL	215°, 14%, 83%
HSV	215°, 6%, 85%
XYZ	60.7478, 64.0821, 74.8130
YIQ	209.3030, -5.2270, 1.1170

Conversions

Conversions Part 2

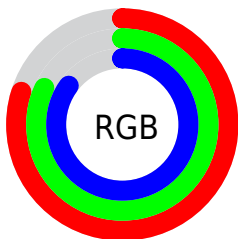
Format	Color
R _Y B	205, 209, 217
Decimal	13488857
CIE Lab	84.01, -0.38, -4.05
CIE LCh	84, 4.072, 264.666
Yxy	64.0821, 0.3043, 0.3210
Android (android.graphics.Color)	4291678937 (0xFFCDD2D9)
YUV	209.3030, 3.7946, -3.7737
Hunter-Lab	80.0513, -4.6331, 0.6257

Details

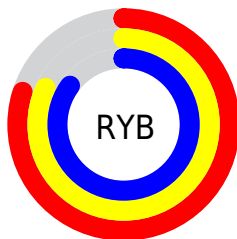
The XYZ color **60.7478, 64.0821, 74.8130** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.1783, 66.2458, 67.2154**, and the grayscale version is **60.7821, 63.9475, 69.6389**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.1726, 32.9649, 38.9023** is the 20% darker color. If you saturate the color by 10%, you get **52.1712, 55.2070, 73.5530**, and if you desaturate by 10%, it is **70.4052, 73.8845, 76.1970**.

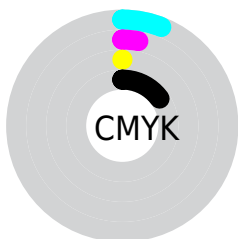
Distribution



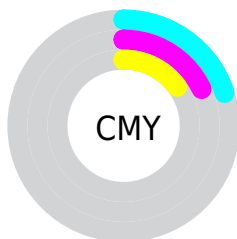
- Red (80%)
- Green (82%)
- Blue (85%)



- Red (80%)
- Yellow (82%)
- Blue (85%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (15%)



- Cyan (20%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7478, 64.0821, 74.8130 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 60.7478, 64.0821, 74.8130 by changing the saturation by 10% instead.

■ 60.7478, 64.0821,
74.8130

■ 60.7478, 64.0821,
74.8130

417.1394,
439.4861, 496.5128

■ 44.2734, 46.7172,
54.9589

105.0139,
110.7292, 127.7923

■ 31.0844, 32.8121,
38.9704

133.5363,
140.7801, 161.7545

■ 20.8152, 21.9826,
26.4291

166.8054,
175.8285, 201.2566

■ 13.1007, 13.8441,
16.9163

205.1866,
216.2587, 246.7170

■ 7.5754, 8.0123,
10.0135

249.0453,
262.4552, 298.5543

■ 3.8740, 4.1028,
5.3022

298.7467,

■ 1.6311, 1.7312,

314.8023, 357.1870

2.3638

354.6563,
373.6845, 423.0337

■ 0.4125, 0.4438,
0.7666

■ 0.0000, 0.0000,
0.0000

■ 60.7478, 64.0821,
74.8130

■ 60.7478, 64.0821,
74.8130

■ 52.1712, 55.2070,
73.5530

■ 70.4052, 73.8845,
76.1970

■ 44.6304, 47.2223,
72.4092

■ 81.1755, 84.6337,
77.7042

■ 38.0849, 40.1002,
71.3795

■ 87.3201, 93.3809,
79.0687

■ 32.4895, 33.8083,
70.4599

■ 89.5246, 97.7898,
79.8035

■ 27.7953, 28.3119,
69.6464

■ 23.9485, 23.5734,
68.9345

■ 20.8890, 19.5514,
68.3195

■ 18.5478, 16.1995,
67.7959

■ 16.8413, 13.4630,
67.3576

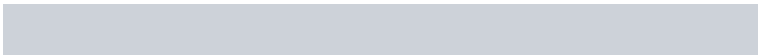
Harmonies

Analogous

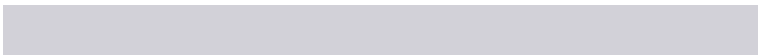
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.9153, 64.0821, 73.8854



60.7478, 64.0821, 74.8130



61.6313, 64.0821, 74.3638

Triad

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



60.7478, 64.0821, 74.8130



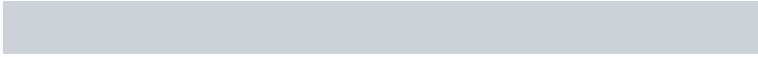
62.4902, 64.0821, 67.7318



59.5108, 64.0821, 66.9545

Complementary

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



60.7478, 64.0821, 74.8130



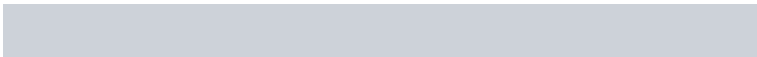
63.1783, 66.2458, 67.2154

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.



60.1906, 64.0821, 65.3780



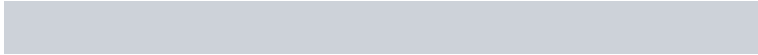
60.7478, 64.0821, 74.8130



61.9118, 64.0821, 65.8190

Square

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



60.7478, 64.0821, 74.8130



62.6429, 64.0821, 70.2351



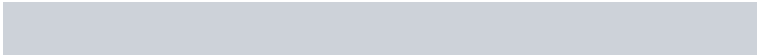
61.0687, 64.0821, 64.9675



59.2057, 64.0821, 69.3160

Rectangle

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



60.7478, 64.0821, 74.8130



62.1296, 64.0821, 73.3496



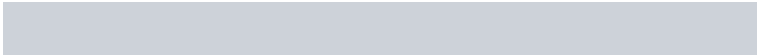
61.0687, 64.0821, 64.9675



59.7028, 64.0821, 66.3175

Sweetspot

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



60.7496, 64.0848, 74.8144



92.2572, 97.1630, 108.4996



61.8491, 67.3493, 71.8961



19.7761, 20.8267, 23.2276



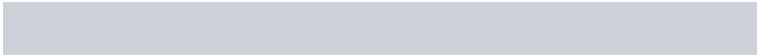
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



60.7496, 64.0848, 74.8144



85.5545, 90.3090, 107.5299



59.7548, 61.7666, 74.4194



13.1530, 13.8866, 16.6393



9.9184, 7.7063, 40.7031



0.7264, 0.6669, 2.6649

Inverse Universe

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



62.0809, 63.0687, 69.8775



87.9869, 88.4830, 98.5021



64.2113, 68.6640, 67.6277



13.5548, 13.5867, 15.1479



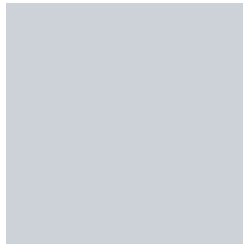
18.5017, 9.4017, 7.0219



1.2409, 0.6260, 0.6777

Previews

White Background



This preview shows how the XYZ color 60.7478, 64.0821, 74.8130 looks on a white background.

Color Contrast Check

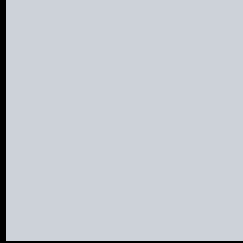
Large Text (above 18pt) WCAG AA × Fail

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 60.7478, 64.0821, 74.8130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

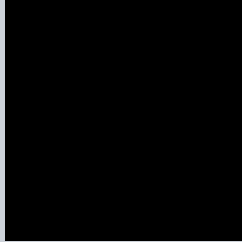
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

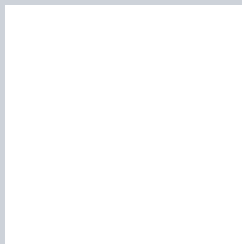
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.7478, 64.0821, 74.8130

Background



This preview shows how black text looks on a background with the XYZ color 60.7478, 64.0821, 74.8130.

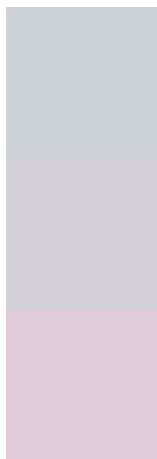


This preview shows how white text looks on a background with the XYZ color 60.7478, 64.0821,

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

60.7478, 64.0821, 74.8130

Protanopia

61.8145, 63.9185, 74.0453

Deuteranopia

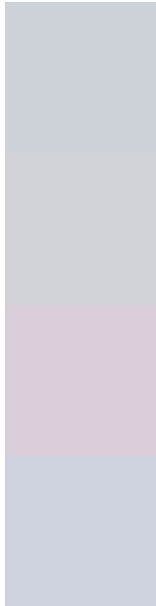
65.3749, 63.9426, 75.2262



Tritanopia

61.8447, 64.1590, 80.3585

Trichromacy



Original Color

60.7478, 64.0821, 74.8130

Protanomaly

61.4896, 64.1141, 74.1002

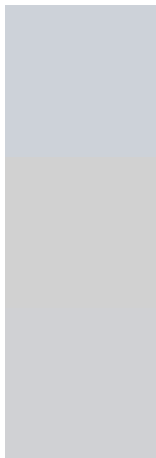
Deuteranomaly

63.6396, 64.1100, 75.3500

Tritanomaly

61.4389, 63.9967, 78.2217

Monochromacy



Original Color

60.7478, 64.0821, 74.8130

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.6966, 63.7643, 71.3960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7478, 64.0821, 74.8130 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(205, 210, 217) looks like.

```
.text, #text, p{  
    color:rgb(205, 210, 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(205, 210, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 210, 217) }
```

Border

The CSS property to change the border of an element to XYZ 60.7478, 64.0821, 74.8130 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(205, 210, 217) }
```


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

```
.border{ border-color:rgb(205, 210, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 210, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 210, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 210, 217);  
box-shadow:4px 4px 4px 4px rgb(205, 210,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7478, 64.0821, 74.8130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 210, 217) }
```

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

```
.background{ background-color: rgb(205,  
210, 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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