

Converting Colors

XYZ(58.0757, 61.6464, 74.6826)

Have a look what the booklet for
XYZ(58.0757, 61.6464, 74.6826)
contains.

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Color

**XYZ(58.1259, 61.6412,
74.4800)**

Conversions

Conversions Part 1

Format	Color
Hex	C6CFD9
RGB	198, 207, 217
RGB Percent	78%, 81%, 85%
CMY	0.2235, 0.1882, 0.1490
CMYK	0.09, 0.05, 0.00, 0.15
HSL	212°, 20%, 81%
HSV	212°, 9%, 85%
XYZ	58.1259, 61.6412, 74.4800
YIQ	205.4490, -8.5740, 1.2020

Conversions

Conversions Part 2

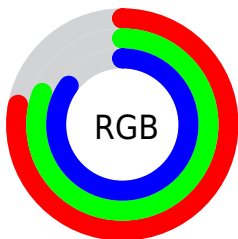
Format	Color
R _Y B	198, 204, 217
Decimal	13029337
CIE Lab	82.72, -1.12, -6.01
CIE LCh	83, 6.114, 259.425
Yxy	61.6412, 0.2992, 0.3173
Android (android.graphics.Color)	4291219417 (0xFFC6CFD9)
YUV	205.4490, 5.6946, -6.5328
Hunter-Lab	78.5119, -5.2443, -1.2869

Details

The XYZ color **58.1259, 61.6412, 74.4800** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.3644, 63.9401, 62.5345**, and the grayscale version is **58.2845, 61.3198, 66.7773**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.4144, 31.3204, 38.6776** is the 20% darker color. If you saturate the color by 10%, you get **50.1443, 53.5691, 73.3436**, and if you desaturate by 10%, it is **67.1306, 70.5410, 75.7242**.

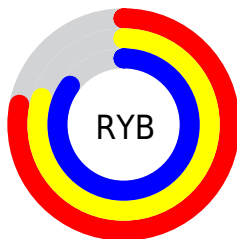
Distribution



Red (78%)

Green (81%)

Blue (85%)



Red (78%)

Yellow (80%)

Blue (85%)

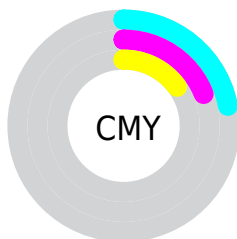


Cyan (9%)

Magenta (5%)

Yellow (0%)

Black (15%)



Cyan (22%)

Magenta (19%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1259, 61.6412, 74.4800 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 58.1259, 61.6412, 74.4800 by changing the saturation by 10% instead.

■ 58.1259, 61.6412,
74.4800

■ 58.1259, 61.6412,
74.4800

407.6012,
430.6211, 495.3360

■ 42.1535, 44.7428,
54.6878

101.2281,
107.2068, 127.3163

■ 29.4132, 31.2549,
38.7549

129.0886,
136.6428, 161.1976

■ 19.5394, 20.7930,
26.2628

161.6426,
171.0269, 200.6122

■ 12.1670, 12.9728,
16.7928

199.2553,
210.7433, 245.9789

■ 6.9305, 7.4098,
9.9265

242.2922,
256.1766, 297.7160

■ 3.4646, 3.7197,
5.2453

291.1186,

■ 1.4040, 1.5180,

307.7110, 356.2422

2.3306

346.0998,
365.7311, 421.9761

■ 0.2591, 0.3014,
0.7483

■ 0.0000, 0.0000,
0.0000

■ 58.1259, 61.6412,
74.4800

■ 58.1259, 61.6412,
74.4800

■ 50.1443, 53.5691,
73.3436

■ 67.1306, 70.5410,
75.7242

■ 43.1416, 46.2907,
72.3078

■ 77.1897, 80.2858,
77.0749

■ 37.0780, 39.7807,
71.3708

■ 85.2960, 89.3326,
78.3939

■ 31.9090, 34.0095,
70.5293

■ 88.7871, 96.3149,
79.5576

■ 27.5859, 28.9451,
69.7796

■ 89.5246, 97.7898,
79.8035

■ 24.0551, 24.5526,
69.1179

■ 21.2559, 20.7933,
68.5398

■ 19.1178, 17.6228,
68.0405

■ 17.5337, 14.9780,
67.6135

Harmonies

Analogous

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



56.9609, 61.6412, 72.7612



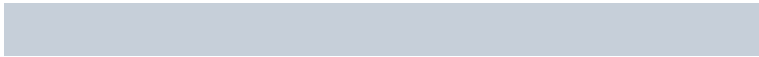
58.1259, 61.6412, 74.4800



59.4320, 61.6412, 74.1708

Triad

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



58.1259, 61.6412, 74.4800



61.0020, 61.6412, 64.7402



56.6909, 61.6412, 62.5218

Complementary

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



58.1259, 61.6412, 74.4800



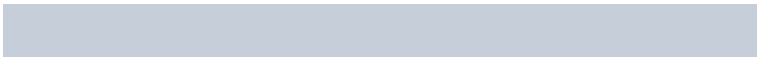
61.3644, 63.9401, 62.5345

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.



57.7523, 61.6412, 60.5248



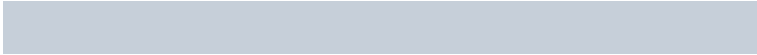
58.1259, 61.6412, 74.4800



60.2460, 61.6412, 61.7721

Square

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



58.1259, 61.6412, 74.4800



61.1057, 61.6412, 68.4528



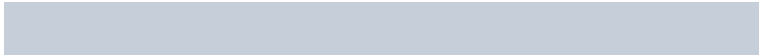
59.0528, 61.6412, 60.2556



56.1407, 61.6412, 65.7983

Rectangle

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



58.1259, 61.6412, 74.4800



60.2065, 61.6412, 72.8597



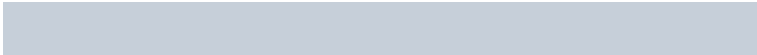
59.0528, 61.6412, 60.2556



56.9990, 61.6412, 61.6839

Sweetspot

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



58.1277, 61.6438, 74.4814



91.0207, 96.0366, 108.3474



59.4652, 66.1775, 69.1967



19.2567, 20.3331, 23.1597



0.0000, 0.0000, 0.0000



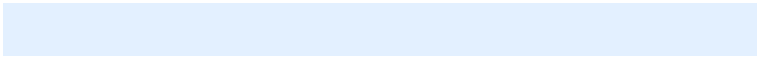
20.3446, 21.4041, 23.3091

Same Dimension

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



58.1277, 61.6438, 74.4814



80.9441, 86.0053, 106.9422



56.0917, 57.4478, 73.7788



12.8450, 13.6298, 16.6059



10.6115, 9.0924, 40.9341



0.7733, 0.7608, 2.6805

Inverse Universe

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



60.0732, 59.6461, 67.3812



84.4595, 82.4765, 94.0945



63.5281, 68.4072, 63.2827



13.3116, 13.1538, 14.9023



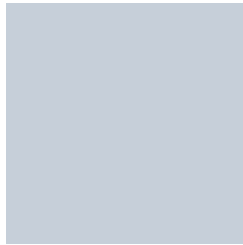
18.8515, 9.5416, 8.8641



1.2646, 0.6355, 0.8025

Previews

White Background



This preview shows how the XYZ color 58.1259, 61.6412, 74.4800 looks on a white background.

Color Contrast Check

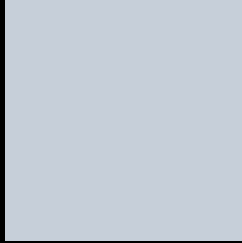
Large Text (above 18pt) WCAG AA × Fail

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 58.1259, 61.6412, 74.4800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

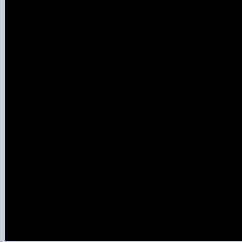
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

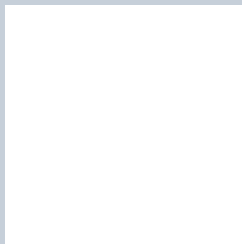
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.1259, 61.6412, 74.4800

Background



This preview shows how black text looks on a background with the XYZ color 58.1259, 61.6412, 74.4800.

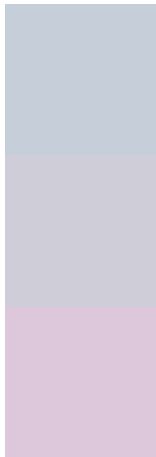


This preview shows how white text looks on a background with the XYZ color 58.1259, 61.6412,

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

58.1259, 61.6412, 74.4800

Protanopia

59.9581, 61.8859, 73.7508

Deuteranopia

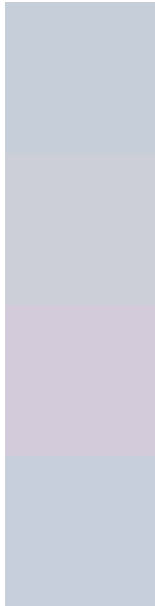
62.8244, 61.5862, 74.9058



Tritanopia

58.8093, 61.5587, 77.8897

Trichromacy



Original Color

58.1259, 61.6412, 74.4800

Protanomaly

59.3678, 61.9379, 73.7919

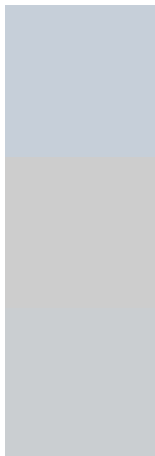
Deuteranomaly

61.1622, 61.7709, 75.0290

Tritanomaly

58.5428, 61.4520, 76.4860

Monochromacy



Original Color

58.1259, 61.6412, 74.4800

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.9371, 61.3026, 69.1006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1259, 61.6412, 74.4800 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(198, 207, 217) looks like.

```
.text, #text, p{  
    color:rgb(198, 207, 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(198, 207, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 207, 217) }
```

Border

The CSS property to change the border of an element to XYZ 58.1259, 61.6412, 74.4800 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(198, 207, 217) }
```


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

```
.border{ border-color:rgb(198, 207, 217) }
```

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

Here you see how a box with a 4 pixel rgb(198, 207, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 207, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 207, 217);  
box-shadow:4px 4px 4px 4px rgb(198, 207,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1259, 61.6412, 74.4800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 207, 217) }
```

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

```
.background{ background-color: rgb(198,  
207, 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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