

Converting Colors

XYZ(58.6850, 61.9710, 74.5153)

Have a look what the booklet for
XYZ(58.6850, 61.9710, 74.5153)
contains.

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Color

**XYZ(58.6566, 61.9148,
74.5048)**

Conversions

Conversions Part 1

Format	Color
Hex	C8CFD9
RGB	200, 207, 217
RGB Percent	78%, 81%, 85%
CMY	0.2157, 0.1882, 0.1490
CMYK	0.08, 0.05, 0.00, 0.15
HSL	215°, 18%, 82%
HSV	215°, 8%, 85%
XYZ	58.6566, 61.9148, 74.5048
YIQ	206.0470, -7.3820, 1.6260

Conversions

Conversions Part 2

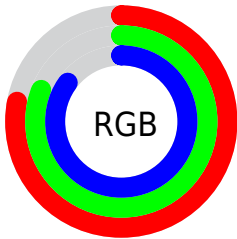
Format	Color
R _Y B	200, 205, 217
Decimal	13160409
CIE Lab	82.87, -0.46, -5.78
CIE LCh	83, 5.796, 265.419
Yxy	61.9148, 0.3007, 0.3174
Android (android.graphics.Color)	4291350489 (0xFFC8CFD9)
YUV	206.0470, 5.3998, -5.3032
Hunter-Lab	78.6860, -4.6373, -1.0593

Details

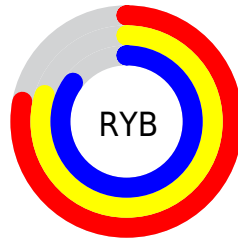
The XYZ color **58.6566, 61.9148, 74.5048** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0873, 65.0143, 63.9212**, and the grayscale version is **58.6677, 61.7230, 67.2164**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.7669, 31.5021, 38.6940** is the 20% darker color. If you saturate the color by 10%, you get **50.3001, 53.2030, 73.2646**, and if you desaturate by 10%, it is **68.0891, 71.5556, 75.8695**.

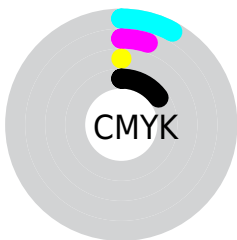
Distribution



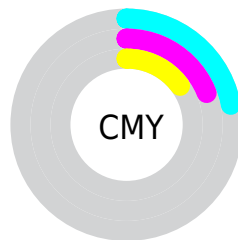
- Red (78%)
- Green (81%)
- Blue (85%)



- Red (78%)
- Yellow (80%)
- Blue (85%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (22%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6566, 61.9148, 74.5048 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 58.6566, 61.9148, 74.5048 by changing the saturation by 10% instead.

■ 58.6566, 61.9148,
74.5048

■ 58.6566, 61.9148,
74.5048

409.5427,
431.6202, 495.4237

■ 42.5820, 44.9639,
54.7080

101.9959,
107.6024, 127.3518

■ 29.7504, 31.4290,
38.7710

129.9913,
137.1078, 161.2391

■ 19.7964, 20.9257,
26.2751

162.6911,
171.5669, 200.6602

■ 12.3545, 13.0697,
16.8020

200.4606,
211.3639, 246.0339

■ 7.0595, 7.4766,
9.9329

243.6652,
256.8834, 297.7785

■ 3.5460, 3.7619,
5.2495

292.6701,

■ 1.4486, 1.5413,

308.5097, 356.3126

2.3331

347.8408,
366.6272, 422.0549

■ 0.2905, 0.3175,
0.7497

■ 0.0000, 0.0000,
0.0000

■ 58.6566, 61.9148,
74.5048

■ 58.6566, 61.9148,
74.5048

■ 50.3001, 53.2030,
73.2646

■ 68.0891, 71.5556,
75.8695

■ 42.9740, 45.3828,
72.1413

■ 78.6304, 82.1457,
77.3580

■ 36.6369, 38.4257,
71.1325

■ 86.5036, 91.7479,
78.7964

■ 31.2428, 32.2985,
70.2341

■ 89.5246, 97.7898,
79.8034

■ 26.7414, 26.9654,
69.4420

■ 23.0776, 22.3877,
68.7515

■ 20.1893, 18.5228,
68.1577

■ 18.0045, 15.3219,
67.6550

■ 16.4245, 12.7224,
67.2365

Harmonies

Analogous

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



57.4958, 61.9148, 73.2368



58.6566, 61.9148, 74.5048



59.8849, 61.9148, 73.8187

Triad

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



58.6566, 61.9148, 74.5048



61.0437, 61.9148, 64.5056



56.8932, 61.9148, 63.5863

Complementary

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



58.6566, 61.9148, 74.5048



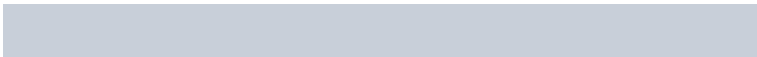
62.0873, 65.0143, 63.9212

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.



57.8234, 61.9148, 61.3922



58.6566, 61.9148, 74.5048



60.2216, 61.9148, 61.9096

Square

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



58.6566, 61.9148, 74.5048



61.2744, 61.9148, 67.9654



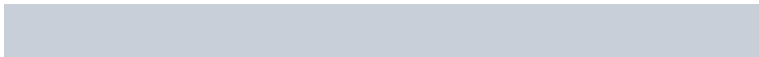
59.0401, 61.9148, 60.7893



56.4869, 61.9148, 66.8670

Rectangle

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



58.6566, 61.9148, 74.5048



60.5751, 61.9148, 72.3579



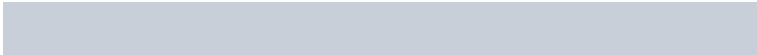
59.0401, 61.9148, 60.7893



57.1543, 61.9148, 62.7019

Sweetspot

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



58.6584, 61.9174, 74.5062



92.2492, 97.1470, 108.4969



60.2557, 66.5550, 70.5899



19.7745, 20.8234, 23.2270



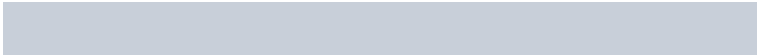
0.0000, 0.0000, 0.0000



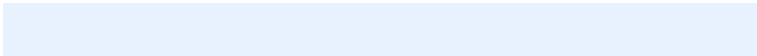
20.3446, 21.4041, 23.3091

Same Dimension

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



58.6584, 61.9174, 74.5062



82.9498, 87.5939, 107.1431



57.3792, 58.7946, 73.9708



12.7771, 13.4939, 16.5833



9.8626, 7.5946, 40.6845



0.7225, 0.6591, 2.6636

Inverse Universe

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



60.5334, 60.5664, 67.5347



86.0634, 85.3825, 95.5593



63.4350, 68.3323, 64.4906



13.2773, 13.1400, 14.7217



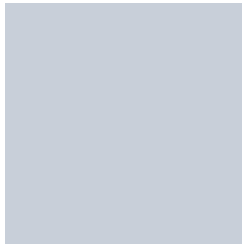
18.4735, 9.3904, 6.8736



1.2390, 0.6252, 0.6674

Previews

White Background



This preview shows how the XYZ color 58.6566, 61.9148, 74.5048 looks on a white background.

Color Contrast Check

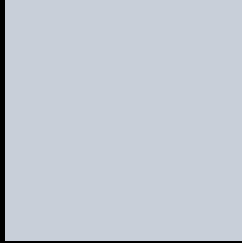
Large Text (above 18pt) WCAG AA × Fail

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 58.6566, 61.9148, 74.5048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

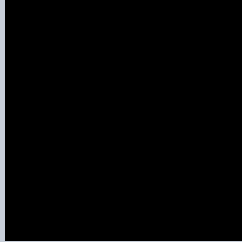
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

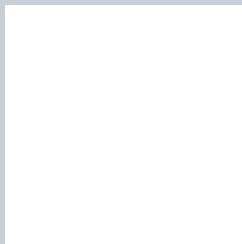
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.6566, 61.9148, 74.5048

Background



This preview shows how black text looks on a background with the XYZ color 58.6566, 61.9148, 74.5048.

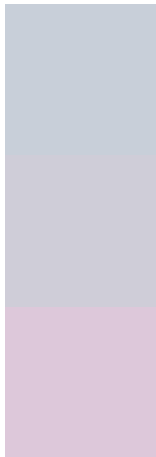


This preview shows how white text looks on a background with the XYZ color 58.6566, 61.9148,

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

58.6566, 61.9148, 74.5048

Protanopia

59.9581, 61.8859, 73.7508

Deuteranopia

63.1280, 61.7427, 74.9200



Tritanopia

59.3435, 61.8340, 77.9147

Trichromacy



Original Color

58.6566, 61.9148, 74.5048

Protanomaly

59.3678, 61.9379, 73.7919

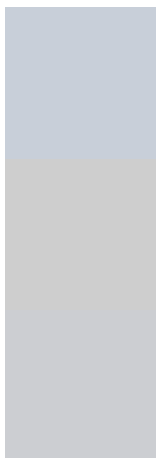
Deuteranomaly

61.4514, 61.9200, 75.0426

Tritanomaly

59.0770, 61.7274, 76.5110

Monochromacy



Original Color

58.6566, 61.9148, 74.5048

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.6060, 61.6331, 69.7803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6566, 61.9148, 74.5048 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(200, 207, 217) looks like.

```
.text, #text, p{  
    color:rgb(200, 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(200, 207, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 207, 217) }
```

Border

The CSS property to change the border of an element to XYZ 58.6566, 61.9148, 74.5048 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(200, 207, 217) }
```


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

```
.border{ border-color:rgb(200, 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(200, 207, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 207, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 207, 217);  
box-shadow:4px 4px 4px 4px rgb(200, 207,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6566, 61.9148, 74.5048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 207, 217) }
```

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

```
.background{ background-color: rgb(200,  
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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