

Converting Colors

XYZ(58.5461, 61.1642, 70.6490)

Have a look what the booklet for
XYZ(58.5461, 61.1642, 70.6490)
contains.

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Color

**XYZ(58.4910, 61.2032,
70.3586)**

Conversions

Conversions Part 1

Format	Color
Hex	CCCDD3
RGB	204, 205, 211
RGB Percent	80%, 80%, 83%
CMY	0.2000, 0.1961, 0.1725
CMYK	0.03, 0.03, 0.00, 0.17
HSL	231°, 7%, 81%
HSV	231°, 3%, 83%
XYZ	58.4910, 61.2032, 70.3586
YIQ	205.3850, -2.5220, 1.6540

Conversions

Conversions Part 2

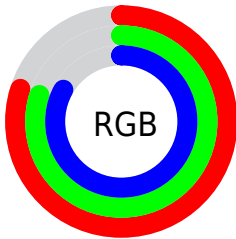
Format	Color
R _Y B	204, 205, 211
Decimal	13422035
CIE Lab	82.49, 0.78, -3.10
CIE LCh	82, 3.197, 284.030
Yxy	61.2032, 0.3078, 0.3220
Android (android.graphics.Color)	4291612115 (0xFFCCDD3)
YUV	205.3850, 2.7682, -1.2146
Hunter-Lab	78.2325, -3.4502, 1.4401

Details

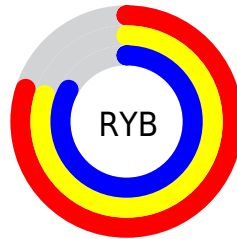
The XYZ color **58.4910, 61.2032, 70.3586** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.8096, 64.3008, 66.3338**, and the grayscale version is **58.2590, 61.2930, 66.7481**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.7301, 31.0516, 36.3249** is the 20% darker color. If you saturate the color by 10%, you get **49.0185, 50.2695, 68.7484**, and if you desaturate by 10%, it is **69.2500, 73.5450, 72.1747**.

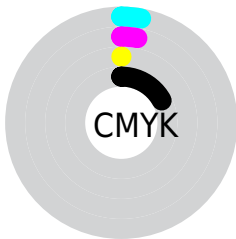
Distribution



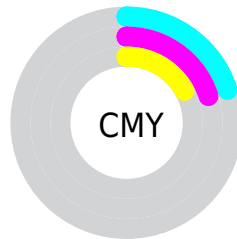
- Red (80%)
- Green (80%)
- Blue (83%)



- Red (80%)
- Yellow (80%)
- Blue (83%)



- Cyan (3%)
- Magenta (3%)
- Yellow (0%)
- Black (17%)



- Cyan (20%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4910, 61.2032, 70.3586 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 58.4910, 61.2032, 70.3586 by changing the saturation by 10% instead.

■ 58.4910, 61.2032,
70.3586

■ 58.4910, 61.2032,
70.3586

408.9375,
429.0187, 480.6312

■ 42.4483, 44.3892,
51.3403

101.7564,
106.5731, 121.4059

■ 29.6451, 30.9766,
36.1009

129.7098,
135.8978, 154.2720

■ 19.7161, 20.5810,
24.2218

162.3641,
170.1614, 192.5912

■ 12.2959, 12.8181,
15.2845

200.0848,
209.7485, 236.7819

■ 7.0192, 7.3034,
8.8705

243.2371,
255.0434, 287.2627

■ 3.5205, 3.6526,
4.5611

292.1864,

■ 1.4346, 1.4812,

306.4304, 344.4522

1.9380

347.2981,
364.2940, 408.7688

■ 0.2807, 0.2754,
0.5167

■ 0.0000, 0.0000,
0.0000

■ 58.4910, 61.2032,
70.3586

■ 58.4910, 61.2032,
70.3586

■ 49.0185, 50.2695,
68.7484

■ 69.2500, 73.5450,
72.1747

■ 40.7791, 40.6861,
67.3328

■ 81.3358, 87.3344,
74.1993

■ 33.7232, 32.4026,
66.1059

■ 88.7580, 97.4832,
75.7670

■ 27.7959, 25.3626,
65.0594

■ 22.9381, 19.5055,
64.1849

■ 19.0849, 14.7655,
63.4731

■ 16.1646, 11.0703,
62.9138

■ 14.0953, 8.3387,
62.4956

■ 12.7806, 6.4771,
62.2055

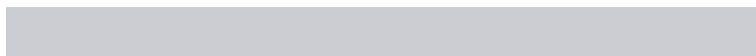
Harmonies

Analogous

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



57.8110, 61.2032, 70.3244



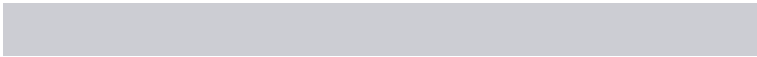
58.4910, 61.2032, 70.3586



59.0900, 61.2032, 69.3828

Triad

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



58.4910, 61.2032, 70.3586



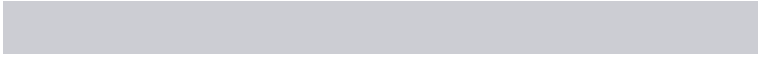
59.1218, 61.2032, 64.0579



56.9174, 61.2032, 65.6097

Complementary

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



58.4910, 61.2032, 70.3586



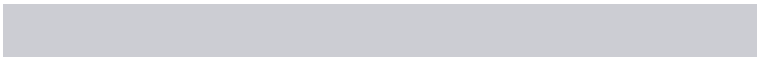
60.8096, 64.3008, 66.3338

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.



57.2631, 61.2032, 63.9702



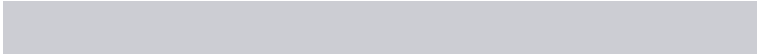
58.4910, 61.2032, 70.3586



58.5341, 61.2032, 63.0864

Square

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



58.4910, 61.2032, 70.3586



59.4562, 61.2032, 65.7316



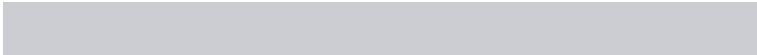
57.8538, 61.2032, 63.0546



56.9061, 61.2032, 67.5565

Rectangle

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



58.4910, 61.2032, 70.3586



59.3614, 61.2032, 68.3017



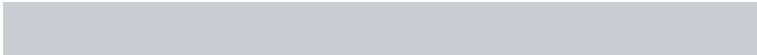
57.8538, 61.2032, 63.0546



56.9983, 61.2032, 65.0052

Sweetspot

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



58.4928, 61.2058, 70.3599



93.4252, 98.1338, 108.6254



59.8236, 64.0775, 70.1562



20.0140, 21.0243, 23.2532



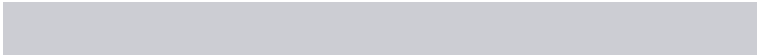
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



58.4928, 61.2058, 70.3599



88.6721, 92.6679, 107.8209



58.9303, 61.0761, 70.3118



12.2717, 12.8097, 15.0694



7.4252, 3.4971, 37.4761



0.4603, 0.2857, 2.1105

Inverse Universe

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



59.4776, 61.4434, 66.4857



90.5068, 93.1138, 100.6028



60.3616, 64.4389, 66.3841



12.5692, 12.8825, 13.8990



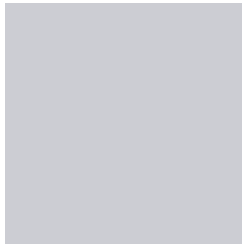
16.3787, 8.4243, 1.6342



0.9385, 0.4801, 0.2112

Previews

White Background



This preview shows how the XYZ color 58.4910, 61.2032, 70.3586 looks on a white background.

Color Contrast Check

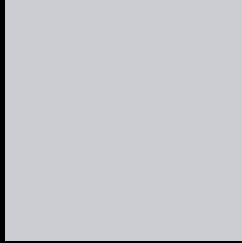
Large Text (above 18pt) WCAG AA × Fail

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 58.4910, 61.2032, 70.3586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

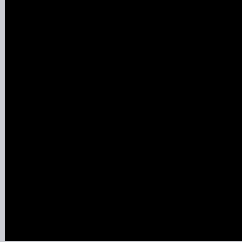
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

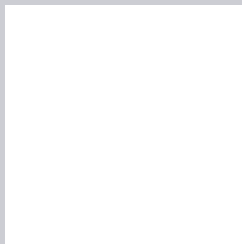
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.4910, 61.2032, 70.3586

Background



This preview shows how black text looks on a background with the XYZ color 58.4910, 61.2032, 70.3586.

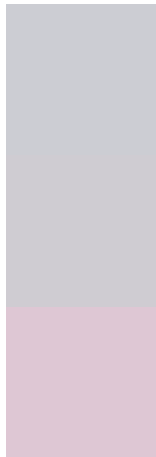


This preview shows how white text looks on a background with the XYZ color 58.4910, 61.2032,

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

58.4910, 61.2032, 70.3586

Protanopia

58.9579, 61.1043, 69.6597

Deuteranopia

62.4313, 61.1299, 70.7961



Tritanopia

59.6880, 61.3322, 76.4025

Trichromacy



Original Color

58.4910, 61.2032, 70.3586

Protanomaly

58.6793, 60.9607, 69.6466

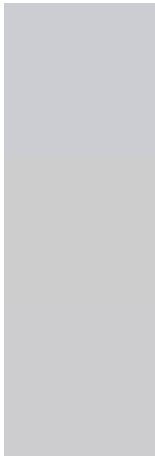
Deuteranomaly

60.7946, 60.9738, 70.8523

Tritanomaly

59.2941, 61.1746, 74.3284

Monochromacy



Original Color

58.4910, 61.2032, 70.3586

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.2706, 61.1468, 67.7628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4910, 61.2032, 70.3586 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(204, 205, 211) looks like.

```
.text, #text, p{  
    color:rgb(204, 205, 211)  
}
```

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(204, 205, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 205, 211) }
```

Border

The CSS property to change the border of an element to XYZ 58.4910, 61.2032, 70.3586 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(204, 205, 211) }
```


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

```
.border{ border-color:rgb(204, 205, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 205, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 205, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 205, 211);  
box-shadow:4px 4px 4px 4px rgb(204, 205,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4910, 61.2032, 70.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 205, 211) }
```

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

```
.background{ background-color: rgb(204,  
205, 211) }
```

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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