

Converting Colors

XYZ(58.4101, 61.8569, 75.8176)

Have a look what the booklet for
XYZ(58.4101, 61.8569, 75.8176)
contains.

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Color

**XYZ(58.3877, 61.7459,
75.8586)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C6CFDB |
| RGB | 198, 207, 219 |
| RGB Percent | 78%, 81%, 86% |
| CMY | 0.2235, 0.1882, 0.1412 |
| CMYK | 0.10, 0.05, 0.00, 0.14 |
| HSL | 214°, 23%, 82% |
| HSV | 214°, 10%, 86% |
| XYZ | 58.3877, 61.7459, 75.8586 |
| YIQ | 205.6770, -9.2160, 1.8240 |

Conversions

Conversions Part 2

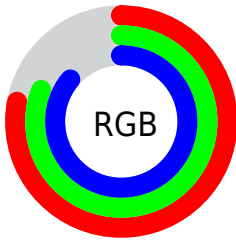
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 198, 204, 219 |
| Decimal | 13029339 |
| CIE Lab | 82.78, -0.73, -6.99 |
| CIE LCh | 83, 7.032, 264.069 |
| Yxy | 61.7459, 0.2979, 0.3150 |
| Android (android.graphics.Color) | 4291219419 (0xFFC6CFDB) |
| YUV | 205.6770, 6.5682, -6.7327 |
| Hunter-Lab | 78.5786, -4.8783, -2.2327 |

Details

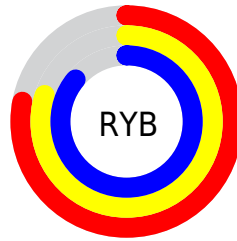
The XYZ color **58.3877, 61.7459, 75.8586** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.4533, 65.2300, 62.7262**, and the grayscale version is **58.4248, 61.4675, 66.9381**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.5937, 31.3921, 39.6215** is the 20% darker color. If you saturate the color by 10%, you get **50.1157, 53.1602, 74.6383**, and if you desaturate by 10%, it is **67.7382, 71.2475, 77.2007**.

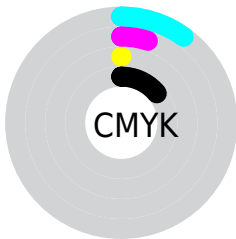
Distribution



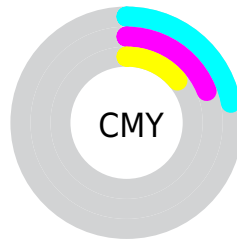
- Red (78%)
- Green (81%)
- Blue (86%)



- Red (78%)
- Yellow (80%)
- Blue (86%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)



- Cyan (22%)
- Magenta (19%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3877, 61.7459, 75.8586 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 58.3877, 61.7459, 75.8586 by changing the saturation by 10% instead.

■ 58.3877, 61.7459,
75.8586

■ 58.3877, 61.7459,
75.8586

408.5597,
431.0036, 500.1975

■ 42.3649, 44.8274,
55.8106

101.6069,
107.3582, 129.2853

■ 29.5795, 31.3215,
39.6481

129.5341,
136.8208, 163.5010

■ 19.6661, 20.8438,
26.9526

162.1601,
171.2336, 203.2764

■ 12.2594, 13.0099,
17.3055

199.8502,
210.9809, 249.0301

■ 6.9941, 7.4353,
10.2883

242.9699,
256.4472, 301.1804

■ 3.5047, 3.7358,
5.4824

291.8844,

■ 1.4259, 1.5269,

308.0168, 360.1461

2.4694

346.9592,
366.0741, 426.3456

■ 0.2746, 0.3076,
0.8239

■ 0.0000, 0.0000,
0.0000

■ 58.3877, 61.7459,
75.8586

■ 58.3877, 61.7459,
75.8586

■ 50.1157, 53.1602,
74.6383

■ 67.7382, 71.2475,
77.2007

■ 42.8756, 45.4531,
73.5323

■ 78.2006, 81.6852,
78.6640

■ 36.6251, 38.5961,
72.5382

■ 86.5392, 91.4002,
80.0997

■ 31.3171, 32.5559,
71.6521

■ 89.7864, 97.8945,
81.1821

■ 26.8999, 27.2967,
70.8698

■ 23.3167, 22.7796,
70.1867

■ 20.5032, 18.9612,
69.5980

■ 18.3841, 15.7922,
69.0980

■ 16.8364, 13.1980,
68.6789

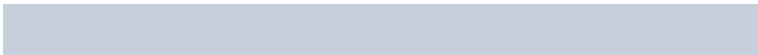
Harmonies

Analogous

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



56.9978, 61.7459, 74.2018



58.3877, 61.7459, 75.8586



59.8815, 61.7459, 75.1245

Triad

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



58.3877, 61.7459, 75.8586



61.3828, 61.7459, 63.8913



56.3645, 61.7459, 62.4616

Complementary

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



58.3877, 61.7459, 75.8586



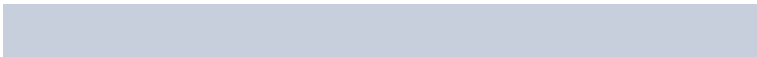
62.4533, 65.2300, 62.7262

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.



57.5097, 61.7459, 59.9103



58.3877, 61.7459, 75.8586



60.4105, 61.7459, 60.7106

Square

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



58.3877, 61.7459, 75.8586



61.6276, 61.7459, 68.0949



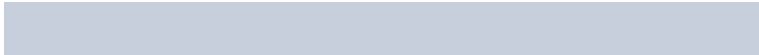
58.9886, 61.7459, 59.2833



55.8427, 61.7459, 66.3740

Rectangle

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



58.3877, 61.7459, 75.8586



60.7334, 61.7459, 73.3934



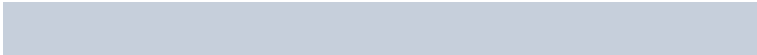
58.9886, 61.7459, 59.2833



56.6883, 61.7459, 61.4232

Sweetspot

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



58.3895, 61.7485, 75.8600



90.9129, 95.8211, 108.3114



60.2416, 67.3180, 70.7271



19.2276, 20.2750, 23.1500



0.0000, 0.0000, 0.0000



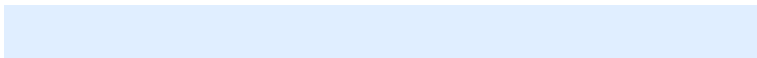
20.3446, 21.4041, 23.3091

Same Dimension

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



58.3895, 61.7485, 75.8600



79.3492, 84.0006, 106.6393



56.6408, 57.7007, 75.1708



12.7954, 13.5306, 16.5894



10.0532, 7.9758, 40.7480



0.7357, 0.6855, 2.6680

Inverse Universe

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



60.6714, 59.9545, 67.4092



83.3653, 80.9314, 91.7463



64.3195, 69.5851, 63.4684



13.2866, 13.1437, 14.7705



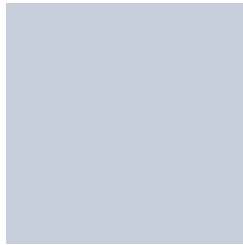
18.5697, 9.4289, 7.3801



1.2456, 0.6279, 0.7024

Previews

White Background



This preview shows how the XYZ color 58.3877, 61.7459, 75.8586 looks on a white background.

Color Contrast Check

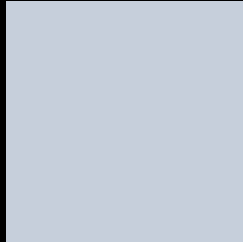
Large Text (above 18pt) WCAG AA × Fail

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 58.3877, 61.7459, 75.8586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

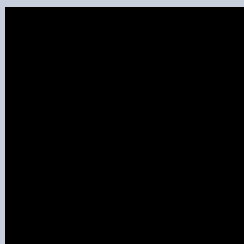
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

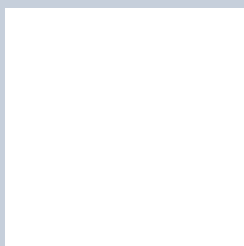
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.3877, 61.7459, 75.8586

Background



This preview shows how black text looks on a background with the XYZ color 58.3877, 61.7459, 75.8586.



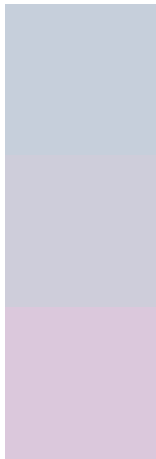
This preview shows how white text looks on a background with the XYZ color 58.3877, 61.7459,

75.8586.

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

58.3877, 61.7459, 75.8586

Protanopia

59.9398, 61.8464, 75.1081

Deuteranopia

62.7860, 61.5359, 76.2786



Tritanopia

58.9438, 61.6124, 78.5978

Trichromacy



Original Color

58.3877, 61.7459, 75.8586

Protanomaly

59.3548, 61.9011, 75.1494

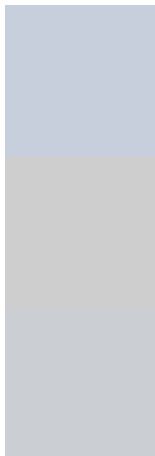
Deuteranomaly

61.1382, 61.7281, 76.4025

Tritanomaly

58.8093, 61.5587, 77.8897

Monochromacy



Original Color

58.3877, 61.7459, 75.8586

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.4578, 61.5423, 70.4258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3877, 61.7459, 75.8586 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(198, 207, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 207, 219) }
```

Border

The CSS property to change the border of an element to XYZ 58.3877, 61.7459, 75.8586 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, 219) }
```


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

```
.border{ border-color:rgb(198, 207, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 207, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 207, 219);  
box-shadow:4px 4px 4px 4px rgb(198, 207,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3877, 61.7459, 75.8586 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, 219) }
```

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

```
.background{ background-color: rgb(198,  
207, 219) }
```

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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