

Converting Colors

XYZ(58.0445, 61.2223, 75.9833)

Have a look what the booklet for
XYZ(58.0445, 61.2223, 75.9833)
contains.

XYZ(57.8834, 61.1274, 75.7658)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.8834, 61.1274,
75.7658)**

Conversions

Conversions Part 1

Format	Color
Hex	C5CEDB
RGB	197, 206, 219
RGB Percent	77%, 81%, 86%
CMY	0.2274, 0.1921, 0.1412
CMYK	0.10, 0.06, 0.00, 0.14
HSL	215°, 23%, 82%
HSV	215°, 10%, 86%
XYZ	57.8834, 61.1274, 75.7658
YIQ	204.7910, -9.5370, 2.1350

Conversions

Conversions Part 2

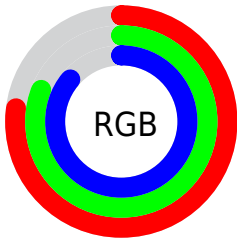
Format	Color
R_{YB}	197, 203, 219
Decimal	12963547
CIE Lab	82.45, -0.53, -7.49
CIE LCh	82, 7.511, 265.974
Yxy	61.1274, 0.2972, 0.3138
Android (android.graphics.Color)	4291153627 (0xFFC5CEDB)
YUV	204.7910, 7.0050, -6.8327
Hunter-Lab	78.1840, -4.6699, -2.7274

Details

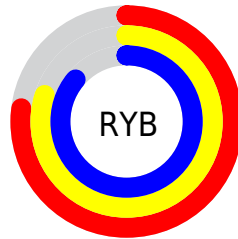
The XYZ color **57.8834, 61.1274, 75.7658** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.3382, 65.1839, 62.1205**, and the grayscale version is **57.8582, 60.8714, 66.2889**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **29.2568, 30.9764, 39.5590** is the 20% darker color. If you saturate the color by 10%, you get **49.5731, 52.4098, 74.5221**, and if you desaturate by 10%, it is **67.2868, 70.7924, 77.1367**.

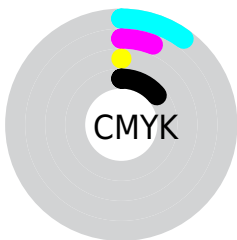
Distribution



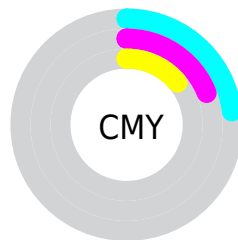
- Red (77%)
- Green (81%)
- Blue (86%)



- Red (77%)
- Yellow (80%)
- Blue (86%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (14%)



- Cyan (23%)
- Magenta (19%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8834, 61.1274, 75.7658 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 57.8834, 61.1274, 75.7658 by changing the saturation by 10% instead.

■ 57.8834, 61.1274,
75.7658

■ 57.8834, 61.1274,
75.7658

406.7122,
428.7410, 499.8711

■ 41.9578, 44.3280,
55.7350

100.8770,
106.4634, 129.1528

■ 29.2592, 30.9284,
39.5879

128.6757,
135.7687, 163.3462

■ 19.4223, 20.5444,
26.9061

161.1628,
170.0115, 203.0974

■ 12.0816, 12.7914,
17.2709

198.7037,
209.5762, 248.8251

■ 6.8719, 7.2850,
10.2638

241.6638,
254.8470, 300.9477

■ 3.4277, 3.6410,
5.4663

290.4083,

■ 1.3838, 1.4748,

306.2085, 359.8839

2.4599

345.3026,
364.0450, 426.0522

■ 0.2446, 0.2709,
0.8188

■ 0.0000, 0.0000,
0.0000

■ 57.8834, 61.1274,
75.7658

■ 57.8834, 61.1274,
75.7658

■ 49.5731, 52.4098,
74.5221

■ 67.2868, 70.7924,
77.1367

■ 42.3086, 44.6011,
73.3977

■ 77.8173, 81.4264,
78.6342

■ 36.0469, 37.6715,
72.3902

■ 86.6238, 91.5694,
80.1279

■ 30.7400, 31.5862,
71.4953

■ 89.7864, 97.8945,
81.1821

■ 26.3353, 26.3080,
70.7087

■ 22.7749, 21.7961,
70.0255

■ 19.9933, 18.0055,
69.4404

■ 17.9137, 14.8846,
68.9476

■ 16.4108, 12.3635,
68.5402

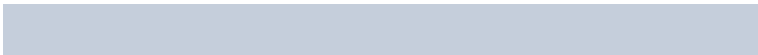
Harmonies

Analogous

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



56.3905, 61.1274, 74.1518



57.8834, 61.1274, 75.7658



59.4614, 61.1274, 74.8206

Triad

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



57.8834, 61.1274, 75.7658



60.9176, 61.1274, 62.7623



55.5802, 61.1274, 61.7346

Complementary

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



57.8834, 61.1274, 75.7658



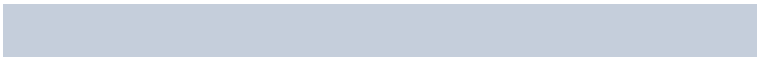
62.3382, 65.1839, 62.1205

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.



56.7591, 61.1274, 58.9261



57.8834, 61.1274, 75.7658



59.8433, 61.1274, 59.4999

Square

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



57.8834, 61.1274, 75.7658



61.2319, 61.1274, 67.1797



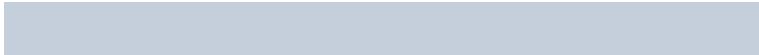
58.3167, 61.1274, 58.1270



55.0763, 61.1274, 65.9389

Rectangle

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



57.8834, 61.1274, 75.7658



60.3464, 61.1274, 72.8887



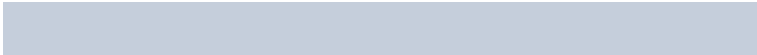
58.3167, 61.1274, 58.1270



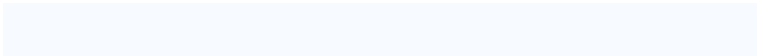
55.9096, 61.1274, 60.6037

Sweetspot

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



57.8852, 61.1300, 75.7672



90.8665, 95.7282, 108.2959



59.9705, 67.1792, 70.6710



19.2151, 20.2499, 23.1458



0.0000, 0.0000, 0.0000



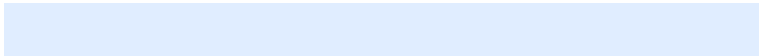
20.3446, 21.4041, 23.3091

Same Dimension

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



57.8852, 61.1300, 75.7672



79.1764, 83.6549, 106.5817



56.2624, 57.1673, 75.0878



12.7741, 13.4879, 16.5823



9.8324, 7.5342, 40.6744



0.7204, 0.6549, 2.6629

Inverse Universe

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



60.3216, 59.4500, 66.6912



83.2780, 80.8965, 91.2869



64.0754, 69.4725, 62.8567



13.2758, 13.1394, 14.7138



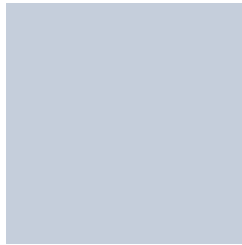
18.4583, 9.3843, 6.7933



1.2379, 0.6248, 0.6618

Previews

White Background



This preview shows how the XYZ color 57.8834, 61.1274, 75.7658 looks on a white background.

Color Contrast Check

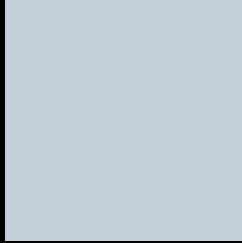
Large Text (above 18pt) WCAG AA × Fail

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 57.8834, 61.1274, 75.7658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

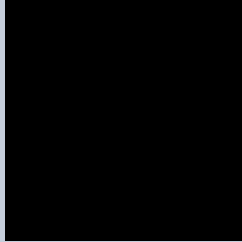
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

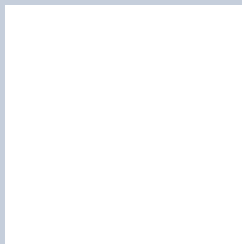
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.8834, 61.1274, 75.7658

Background



This preview shows how black text looks on a background with the XYZ color 57.8834, 61.1274, 75.7658.

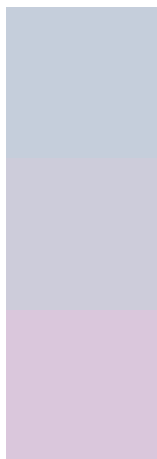


This preview shows how white text looks on a background with the XYZ color 57.8834, 61.1274,

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

57.8834, 61.1274, 75.7658

Protanopia

59.4246, 61.2268, 75.0156

Deuteranopia

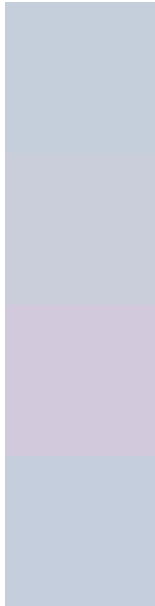
62.2551, 60.9196, 76.1876



Tritanopia

58.2821, 61.2869, 77.8650

Trichromacy



Original Color

57.8834, 61.1274, 75.7658

Protanomaly

58.8433, 61.2812, 75.0567

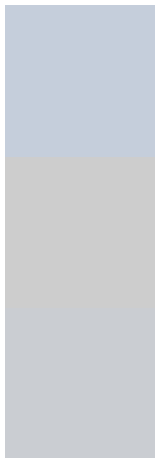
Deuteranomaly

60.6171, 61.1100, 76.3107

Tritanomaly

58.1484, 61.2334, 77.1611

Monochromacy



Original Color

57.8834, 61.1274, 75.7658

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.8213, 60.8723, 69.6748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8834, 61.1274, 75.7658 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(197, 206, 219)` looks like.

```
.text, #text, p{  
    color:rgb(197, 206, 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(197, 206, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 206, 219) }
```

Border

The CSS property to change the border of an element to XYZ 57.8834, 61.1274, 75.7658 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(197, 206, 219) }
```


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

```
.border{ border-color:rgb(197, 206, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 206, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 206, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 206, 219); box-shadow:4px 4px 4px 4px rgb(197, 206, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8834, 61.1274, 75.7658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 206, 219) }
```

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

```
.background{ background-color: rgb(197,  
206, 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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