

Converting Colors

XYZ(58.2518, 60.2982, 80.1258)

Have a look what the booklet for
XYZ(58.2518, 60.2982, 80.1258)
contains.

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Color

**XYZ(57.9725, 60.0184,
79.7634)**

Conversions

Conversions Part 1

Format	Color
Hex	C5CBE1
RGB	197, 203, 225
RGB Percent	77%, 80%, 88%
CMY	0.2274, 0.2039, 0.1176
CMYK	0.12, 0.10, 0.00, 0.12
HSL	227°, 32%, 83%
HSV	227°, 12%, 88%
XYZ	57.9725, 60.0184, 79.7634
YIQ	203.7140, -10.6380, 5.5700

Conversions

Conversions Part 2

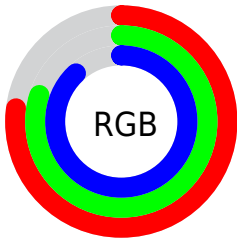
Format	Color
R _Y B	197, 202, 225
Decimal	12962785
CIE Lab	81.85, 2.27, -11.59
CIE LCh	82, 11.809, 281.091
Yxy	60.0184, 0.2932, 0.3035
Android (android.graphics.Color)	4291152865 (0xFFC5CBE1)
YUV	203.7140, 10.4940, -5.8882
Hunter-Lab	77.4715, -2.0024, -6.8139

Details

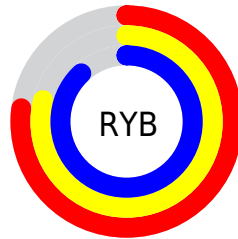
The XYZ color **57.9725, 60.0184, 79.7634** is a light color, and the websafe version is hex **CCCCCC**, and the color name is **light periwinkle**. A complement of this color would be **66.4613, 70.7016, 62.9685**, and the grayscale version is **57.1562, 60.1327, 65.4845**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **29.3308, 30.2368, 42.3206** is the 20% darker color. If you saturate the color by 10%, you get **48.5760, 49.3280, 78.1961**, and if you desaturate by 10%, it is **68.7279, 72.1191, 81.5331**.

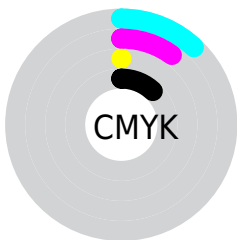
Distribution



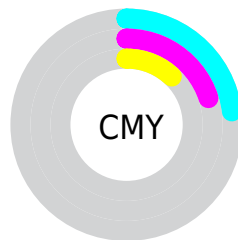
- Red (77%)
- Green (80%)
- Blue (88%)



- Red (77%)
- Yellow (79%)
- Blue (88%)



- Cyan (12%)
- Magenta (10%)
- Yellow (0%)
- Black (12%)



- Cyan (23%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9725, 60.0184, 79.7634 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 57.9725, 60.0184, 79.7634 by changing the saturation by 10% instead.

■ 57.9725, 60.0184,
79.7634

■ 57.9725, 60.0184,
79.7634

407.0390,
424.6656, 513.8208

■ 42.0297, 43.4335,
58.9987

101.0060,
104.8564, 134.8414

■ 29.3158, 30.2254,
42.1920

128.8274,
133.8782, 169.9918

■ 19.4653, 20.0097,
28.9250

161.3391,
167.8144, 210.7744

■ 12.1130, 12.4021,
18.7790

198.9064,
207.0494, 257.6079

■ 6.8934, 7.0181,
11.3355

241.8947,
251.9677, 310.9107

■ 3.4413, 3.4735,
6.1760

290.6693,

■ 1.3912, 1.3836,

302.9535, 371.1015

2.8819

345.5956,
360.3914, 438.5987

■ 0.2499, 0.2046,
1.0346

■ 0.0000, 0.0000,
0.0000

■ 57.9725, 60.0184,
79.7634

■ 57.9725, 60.0184,
79.7634

■ 48.5760, 49.3280,
78.1961

■ 68.7279, 72.1191,
81.5331

■ 40.4784, 39.9885,
76.8202

■ 80.8883, 85.6716,
83.5081

■ 33.6227, 31.9474,
75.6295

■ 90.5908, 98.2163,
85.4181

■ 27.9461, 25.1457,
74.6158

■ 23.3796, 19.5196,
73.7705

■ 19.8471, 14.9997,
73.0843

■ 17.2620, 11.5082,
72.5466

■ 15.5225, 8.9565,
72.1458

■ 14.6574, 7.5695,
71.9236

Harmonies

Analogous

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



55.5069, 60.0184, 79.2116



57.9725, 60.0184, 79.7634



60.2535, 60.0184, 76.2481

Triad

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



57.9725, 60.0184, 79.7634



60.7339, 60.0184, 56.7385



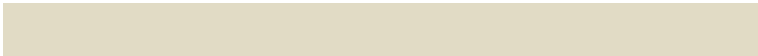
52.6314, 60.0184, 61.0027

Complementary

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



57.9725, 60.0184, 79.7634



66.4613, 70.7016, 62.9685

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.



53.9538, 60.0184, 55.5429



57.9725, 60.0184, 79.7634



58.6127, 60.0184, 53.2076

Square

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



57.9725, 60.0184, 79.7634



61.8785, 60.0184, 62.7452



56.1288, 60.0184, 52.7865



52.4713, 60.0184, 68.0256

Rectangle

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



57.9725, 60.0184, 79.7634



61.3441, 60.0184, 72.2110



56.1288, 60.0184, 52.7865



52.9529, 60.0184, 58.9376

Sweetspot

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



57.9743, 60.0209, 79.7647



88.8931, 93.1099, 107.8946



62.7297, 70.8328, 77.3387



18.7862, 19.6595, 23.0545



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.



57.9743, 60.0209, 79.7647



73.5027, 75.7568, 105.3563



58.7165, 58.3397, 79.4011



13.1890, 13.7172, 17.3402



8.5157, 4.5010, 41.4683



0.6556, 0.4426, 2.8961

Inverse Universe

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



61.7985, 60.2532, 64.8756



79.5722, 76.1904, 81.7107



65.6394, 72.6446, 63.3868



13.8269, 13.7484, 14.8585



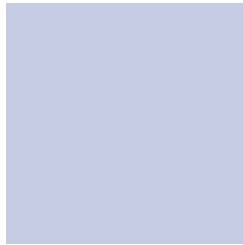
18.2385, 9.3624, 2.6559



1.2972, 0.6621, 0.3577

Previews

White Background



This preview shows how the XYZ color 57.9725, 60.0184, 79.7634 looks on a white background.

Color Contrast Check

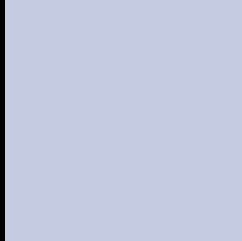
Large Text (above 18pt) WCAG AA × Fail

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 57.9725, 60.0184, 79.7634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

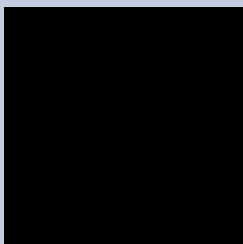
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9725, 60.0184, 79.7634

Background



This preview shows how black text looks on a background with the XYZ color 57.9725, 60.0184, 79.7634.

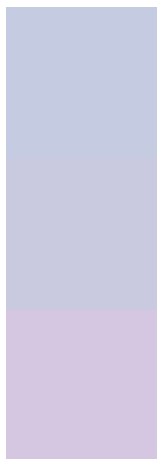


This preview shows how white text looks on a background with the XYZ color 57.9725, 60.0184,

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

57.9725, 60.0184, 79.7634

Protanopia

58.6625, 60.0404, 79.0181

Deuteranopia

61.3621, 60.0253, 80.3034



Tritanopia

57.2761, 60.0888, 76.2897

Trichromacy



Original Color

57.9725, 60.0184, 79.7634

Protanomaly

58.3945, 59.9022, 79.0056

Deuteranomaly

60.1139, 60.0649, 80.3769

Tritanomaly

57.5426, 60.1954, 77.6933

Monochromacy



Original Color

57.9725, 60.0184, 79.7634

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.5639, 60.3567, 70.9034

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9725, 60.0184, 79.7634 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, 203, 225) looks like.

```
.text, #text, p{  
    color:rgb(197, 203, 225)  
}
```

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, 203, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 203, 225) }
```

Border

The CSS property to change the border of an element to XYZ 57.9725, 60.0184, 79.7634 is called "border". The border property can be set on classes, ids or directly on the HTML element.

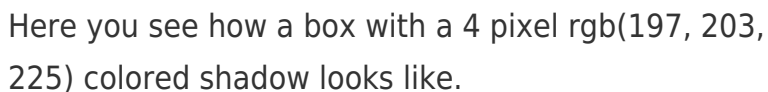
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 203, 225) }
```


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

```
.border{ border-color:rgb(197, 203, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 203, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 203, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 203, 225); box-shadow:4px 4px 4px 4px rgb(197, 203, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9725, 60.0184, 79.7634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 203, 225) }
```

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

```
.background{ background-color: rgb(197,  
203, 225) }
```

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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