

Converting Colors

XYZ(57.4649, 60.5587, 79.8241)

Have a look what the booklet for
XYZ(57.4649, 60.5587, 79.8241)
contains.

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Color

**XYZ(57.4142, 60.4363,
79.8735)**

Conversions

Conversions Part 1

Format	Color
Hex	C1CDE1
RGB	193, 205, 225
RGB Percent	76%, 80%, 88%
CMY	0.2431, 0.1961, 0.1176
CMYK	0.14, 0.09, 0.00, 0.12
HSL	217°, 35%, 82%
HSV	217°, 14%, 88%
XYZ	57.4142, 60.4363, 79.8735
YIQ	203.6920, -13.5720, 3.6760

Conversions

Conversions Part 2

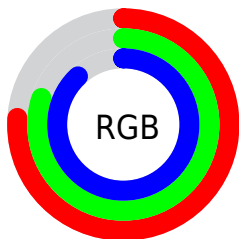
Format	Color
R _Y B	193, 202, 225
Decimal	12701153
CIE Lab	82.07, -0.07, -11.28
CIE LCh	82, 11.281, 269.642
Yxy	60.4363, 0.2904, 0.3057
Android (android.graphics.Color)	4290891233 (0xFFC1CDE1)
YUV	203.6920, 10.5048, -9.3769
Hunter-Lab	77.7408, -4.2181, -6.4980

Details

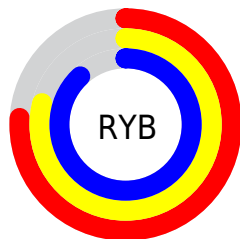
The XYZ color **57.4142, 60.4363, 79.8735** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.4716, 67.4460, 60.0736**, and the grayscale version is **57.1435, 60.1194, 65.4701**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **28.9698, 30.5245, 42.3952** is the 20% darker color. If you saturate the color by 10%, you get **48.8956, 51.2755, 78.5552**, and if you desaturate by 10%, it is **67.1113, 70.6565, 81.3361**.

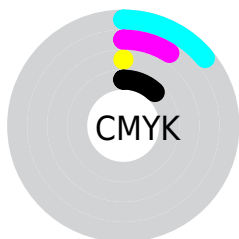
Distribution



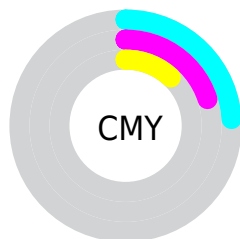
- Red (76%)
- Green (80%)
- Blue (88%)



- Red (76%)
- Yellow (79%)
- Blue (88%)



- Cyan (14%)
- Magenta (9%)
- Yellow (0%)
- Black (12%)



- Cyan (24%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4142, 60.4363, 79.8735 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 57.4142, 60.4363, 79.8735 by changing the saturation by 10% instead.

■ 57.4142, 60.4363,
79.8735

■ 57.4142, 60.4363,
79.8735

404.9887,
426.2041, 514.2019

■ 41.5793, 43.7704,
59.0887

■ 100.1972,
105.4623, 134.9977

■ 28.9617, 30.4900,
42.2641

127.8760,
134.5912, 170.1741

■ 19.1960, 20.2108,
28.9810

160.2335,
168.6433, 210.9848

■ 11.9168, 12.5484,
18.8210

197.6350,
208.0028, 257.8484

■ 6.7589, 7.1183,
11.3655

240.4460,
253.0543, 311.1834

■ 3.3567, 3.5362,
6.1960

289.0316,

■ 1.3451, 1.4177,

304.1820, 371.4083

2.8939

343.7574,
361.7705, 438.9416

■ 0.2166, 0.2297,
1.0407

■ 0.0000, 0.0000,
0.0000

■ 57.4142, 60.4363,
79.8735

■ 57.4142, 60.4363,
79.8735

■ 48.8956, 51.2755,
78.5552

■ 67.1113, 70.6565,
81.3361

■ 41.5029, 43.1305,
77.3727

■ 78.0260, 81.9629,
82.9432

■ 35.1873, 35.9655,
76.3226

■ 88.1486, 93.3319,
84.6041

■ 29.8943, 29.7396,
75.3999

■ 90.5908, 98.2163,
85.4181

■ 25.5639, 24.4084,
74.5991

■ 22.1295, 19.9234,
73.9144

■ 19.5150, 16.2304,
73.3394

■ 17.6291, 13.2664,
72.8667

■ 16.7918, 11.8384,
72.6352

Harmonies

Analogous

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



55.1499, 60.4363, 77.8365



57.4142, 60.4363, 79.8735



59.7476, 60.4363, 77.9285

Triad

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



57.4142, 60.4363, 79.8735



61.5333, 60.4363, 59.5034



53.5653, 60.4363, 59.3704

Complementary

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



57.4142, 60.4363, 79.8735



64.4716, 67.4460, 60.0736

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.



55.1983, 60.4363, 55.0088



57.4142, 60.4363, 79.8735



59.7986, 60.4363, 55.0817

Square

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



57.4142, 60.4363, 79.8735



62.1654, 60.4363, 65.8871



57.4716, 60.4363, 53.4935



52.9658, 60.4363, 65.7227

Rectangle

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



57.4142, 60.4363, 79.8735



61.0190, 60.4363, 74.7074



57.4716, 60.4363, 53.4935



54.0093, 60.4363, 57.6393

Sweetspot

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



57.4160, 60.4388, 79.8749



89.3966, 94.1168, 108.0624



60.8950, 69.9795, 73.0724



18.9133, 19.9137, 23.0968



0.0000, 0.0000, 0.0000



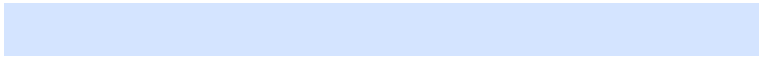
20.3446, 21.4041, 23.3091

Same Dimension

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



57.4160, 60.4388, 79.8749



72.8192, 76.6024, 105.5555



55.6179, 55.4117, 78.9993



13.3712, 14.0814, 17.4009



9.7795, 7.0286, 41.8896



0.7620, 0.6554, 2.9316

Inverse Universe

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



61.1421, 58.5566, 65.8404



78.6872, 73.7686, 83.4248



66.4519, 73.1158, 61.0636



13.9188, 13.7852, 15.3426



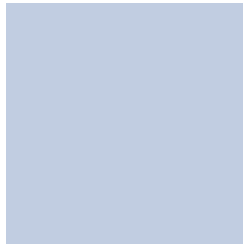
18.8765, 9.6176, 6.0152



1.3509, 0.6836, 0.6405

Previews

White Background



This preview shows how the XYZ color 57.4142, 60.4363, 79.8735 looks on a white background.

Color Contrast Check

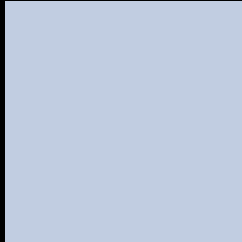
Large Text (above 18pt) WCAG AA × Fail

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 57.4142, 60.4363, 79.8735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

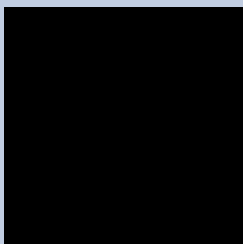
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

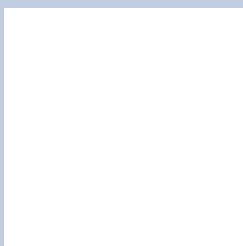
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.4142, 60.4363, 79.8735

Background



This preview shows how black text looks on a background with the XYZ color 57.4142, 60.4363, 79.8735.



This preview shows how white text looks on a background with the XYZ color 57.4142, 60.4363,

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

57.4142, 60.4363, 79.8735

Protanopia

59.0323, 60.5961, 78.3969

Deuteranopia

61.3621, 60.0253, 80.3034



Tritanopia

56.9944, 60.6230, 77.8047

Trichromacy



Original Color

57.4142, 60.4363, 79.8735

Protanomaly

58.6006, 60.7097, 79.1506

Deuteranomaly

60.0677, 60.3861, 80.4413

Tritanomaly

57.1288, 60.6768, 78.5128

Monochromacy



Original Color

57.4142, 60.4363, 79.8735

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.2959, 60.2186, 70.8909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4142, 60.4363, 79.8735 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(193, 205, 225)` looks like.

```
.text, #text, p{  
    color:rgb(193, 205, 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(193, 205, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 205, 225) }
```

Border

The CSS property to change the border of an element to XYZ 57.4142, 60.4363, 79.8735 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(193, 205, 225) }
```


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

```
.border{ border-color:rgb(193, 205, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 205, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 205, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 205, 225);  
box-shadow:4px 4px 4px 4px rgb(193, 205,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4142, 60.4363, 79.8735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 205, 225) }
```

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

```
.background{ background-color: rgb(193,  
205, 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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