

Converting Colors

XYZ(57.5425, 60.1943, 77.6937)

Have a look what the booklet for
XYZ(57.5425, 60.1943, 77.6937)
contains.

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Color

**XYZ(57.5426, 60.1954,
77.6933)**

Conversions

Conversions Part 1

Format	Color
Hex	C4CCDE
RGB	196, 204, 222
RGB Percent	77%, 80%, 87%
CMY	0.2314, 0.2000, 0.1294
CMYK	0.12, 0.08, 0.00, 0.13
HSL	222°, 28%, 82%
HSV	222°, 12%, 87%
XYZ	57.5426, 60.1954, 77.6933
YIQ	203.6600, -10.5460, 3.9020

Conversions

Conversions Part 2

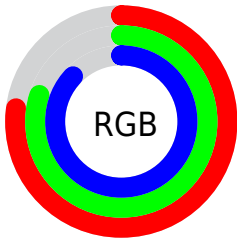
Format	Color
R _Y B	196, 202, 222
Decimal	12897502
CIE Lab	81.94, 0.81, -9.85
CIE LCh	82, 9.883, 274.683
Yxy	60.1954, 0.2944, 0.3080
Android (android.graphics.Color)	4291087582 (0xFFC4CCDE)
YUV	203.6600, 9.0416, -6.7178
Hunter-Lab	77.5857, -3.3877, -5.0622

Details

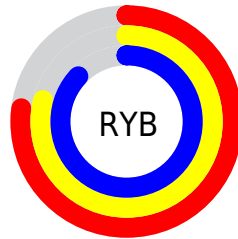
The XYZ color **57.5426, 60.1954, 77.6933** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.1348, 67.6078, 61.8950**, and the grayscale version is **57.1309, 60.1062, 65.4556**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **29.0367, 30.3535, 40.8876** is the 20% darker color. If you saturate the color by 10%, you get **48.7162, 50.4894, 76.2860**, and if you desaturate by 10%, it is **67.5874, 71.0677, 79.2634**.

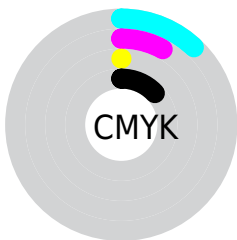
Distribution



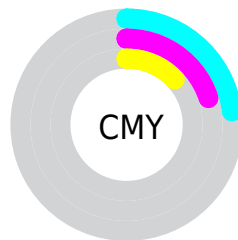
- Red (77%)
- Green (80%)
- Blue (87%)



- Red (77%)
- Yellow (79%)
- Blue (87%)



- Cyan (12%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (23%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5426, 60.1954, 77.6933 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 57.5426, 60.1954, 77.6933 by changing the saturation by 10% instead.

■ 57.5426, 60.1954,
77.6933

■ 57.5426, 60.1954,
77.6933

405.4608,
425.3176, 506.6249

■ 41.6829, 43.5762,
57.3071

100.3833,
105.1131, 131.8996

■ 29.0431, 30.3374,
40.8409

128.0949,
134.1803, 166.5568

■ 19.2579, 20.0949,
27.8760

160.4880,
168.1656, 206.8081

■ 11.9619, 12.4640,
17.9940

197.9277,
207.4534, 253.0721

■ 6.7897, 7.0605,
10.7763

240.7795,
252.4281, 305.7672

■ 3.3761, 3.5000,
5.8043

289.4087,

■ 1.3556, 1.3980,

303.4742, 365.3120

2.6596

344.1807,
360.9759, 432.1251

■ 0.2243, 0.2152,
0.9230

■ 0.0000, 0.0000,
0.0000

■ 57.5426, 60.1954,
77.6933

■ 57.5426, 60.1954,
77.6933

■ 48.7162, 50.4894,
76.2860

■ 67.5874, 71.0677,
79.2634

■ 41.0550, 41.9021,
75.0323

■ 78.8903, 83.1366,
80.9972

■ 34.5099, 34.3936,
73.9280

■ 88.6433, 94.9706,
82.7673

■ 29.0258, 27.9185,
72.9672

■ 90.1850, 98.0540,
83.2812

■ 24.5428, 22.4281,
72.1437

■ 20.9947, 17.8692,
71.4508

■ 18.3064, 14.1829,
70.8809

■ 16.3896, 11.3017,
70.4258

■ 15.2723, 9.4486,
70.1270

Harmonies

Analogous

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



55.5129, 60.1954, 76.5046



57.5426, 60.1954, 77.6933



59.5309, 60.1954, 75.4677

Triad

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



57.5426, 60.1954, 77.6933



60.5820, 60.1954, 59.2102



53.6582, 60.1954, 60.7439

Complementary

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



57.5426, 60.1954, 77.6933



64.1348, 67.6078, 61.8950

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.



54.9579, 60.1954, 56.5281



57.5426, 60.1954, 77.6933



58.9494, 60.1954, 55.6811

Square

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



57.5426, 60.1954, 77.6933



61.3126, 60.1954, 64.6075



56.8865, 60.1954, 54.7297



53.3021, 60.1954, 66.4866

Rectangle

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



57.5426, 60.1954, 77.6933



60.5555, 60.1954, 72.4224



56.8865, 60.1954, 54.7297



53.9976, 60.1954, 59.1128

Sweetspot

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



57.5444, 60.1979, 77.6946



89.1853, 93.6942, 107.9920



60.9951, 68.8225, 73.5325



18.8599, 19.8069, 23.0790



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.



57.5444, 60.1979, 77.6946



75.7310, 79.0810, 105.8805



56.9505, 57.1401, 77.1357



13.2944, 13.9280, 17.3754



9.1581, 5.7857, 41.6824



0.7124, 0.5563, 2.9151

Inverse Universe

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



60.7646, 59.3703, 65.3866



80.9734, 77.8091, 85.8265



64.7708, 71.0166, 62.5194



13.8801, 13.7697, 15.1387



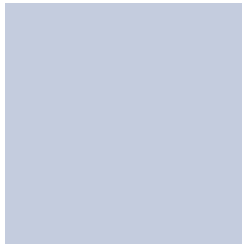
18.5628, 9.4921, 4.3633



1.3259, 0.6736, 0.5088

Previews

White Background



This preview shows how the XYZ color 57.5426, 60.1954, 77.6933 looks on a white background.

Color Contrast Check

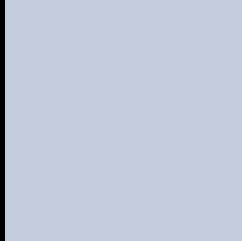
Large Text (above 18pt) WCAG AA × Fail

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 57.5426, 60.1954, 77.6933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

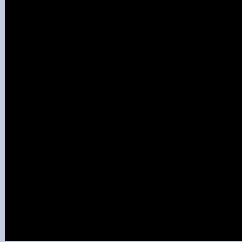
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.5426, 60.1954, 77.6933

Background



This preview shows how black text looks on a background with the XYZ color 57.5426, 60.1954, 77.6933.



This preview shows how white text looks on a background with the XYZ color 57.5426, 60.1954,

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

57.5426, 60.1954, 77.6933

Protanopia

58.5288, 60.0181, 76.9065

Deuteranopia

61.2449, 60.0120, 78.1676



Tritanopia

57.2761, 60.0888, 76.2897

Trichromacy



Original Color

57.5426, 60.1954, 77.6933

Protanomaly

58.2265, 60.2117, 76.9598

Deuteranomaly

59.7057, 59.9017, 78.2274

Tritanomaly

57.4090, 60.1420, 76.9894

Monochromacy



Original Color

57.5426, 60.1954, 77.6933

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.4381, 60.3064, 70.2410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5426, 60.1954, 77.6933 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(196, 204, 222)` looks like.

```
.text, #text, p{  
    color:rgb(196, 204, 222)  
}
```

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(196, 204, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 204, 222) }
```

Border

The CSS property to change the border of an element to XYZ 57.5426, 60.1954, 77.6933 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(196, 204, 222) }
```


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

```
.border{ border-color:rgb(196, 204, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 204, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 204, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 204, 222);  
box-shadow:4px 4px 4px 4px rgb(196, 204,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5426, 60.1954, 77.6933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 204, 222) }
```

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

```
.background{ background-color: rgb(196,  
204, 222) }
```

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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