

Converting Colors

XYZ(57.5490, 60.5964, 81.1147)

Have a look what the booklet for
XYZ(57.5490, 60.5964, 81.1147)
contains.

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Color

**XYZ(57.4347, 60.4152,
81.3072)**

Conversions

Conversions Part 1

Format	Color
Hex	C0CDE3
RGB	192, 205, 227
RGB Percent	75%, 80%, 89%
CMY	0.2471, 0.1961, 0.1098
CMYK	0.15, 0.10, 0.00, 0.11
HSL	218°, 38%, 82%
HSV	218°, 15%, 89%
XYZ	57.4347, 60.4152, 81.3072
YIQ	203.6210, -14.8100, 4.0860

Conversions

Conversions Part 2

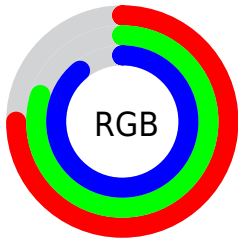
Format	Color
R _Y B	192, 201, 227
Decimal	12635619
CIE Lab	82.06, 0.03, -12.37
CIE LCh	82, 12.374, 270.135
Yxy	60.4152, 0.2884, 0.3034
Android (android.graphics.Color)	4290825699 (0xFFC0CDE3)
YUV	203.6210, 11.5258, -10.1916
Hunter-Lab	77.7272, -4.1242, -7.6117

Details

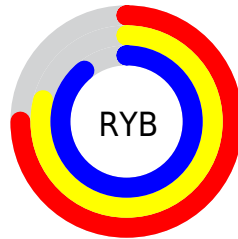
The XYZ color **57.4347, 60.4152, 81.3072** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.2400, 68.2296, 59.6016**, and the grayscale version is **57.0932, 60.0665, 65.4124**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **28.9942, 30.5150, 43.3916** is the 20% darker color. If you saturate the color by 10%, you get **48.8660, 51.1619, 79.9737**, and if you desaturate by 10%, it is **67.2047, 70.7530, 82.7886**.

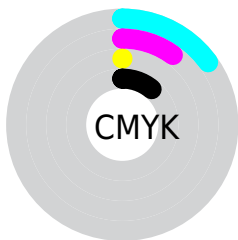
Distribution



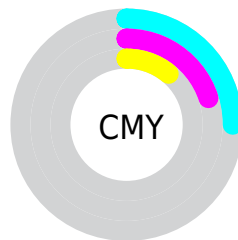
- Red (75%)
- Green (80%)
- Blue (89%)



- Red (75%)
- Yellow (79%)
- Blue (89%)



- Cyan (15%)
- Magenta (10%)
- Yellow (0%)
- Black (11%)



- Cyan (25%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4347, 60.4152, 81.3072 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 57.4347, 60.4152, 81.3072 by changing the saturation by 10% instead.

■ 57.4347, 60.4152,
81.3072

■ 57.4347, 60.4152,
81.3072

405.0641,
426.1265, 519.1498

■ 41.5958, 43.7534,
60.2622

■ 100.2269,
105.4317, 137.0300

■ 28.9747, 30.4767,
43.2033

127.9110,
134.5552, 172.5448

■ 19.2059, 20.2007,
29.7121

160.2741,
168.6014, 213.7200

■ 11.9240, 12.5410,
19.3700

197.6818,
207.9547, 260.9740

■ 6.7638, 7.1133,
11.7584

240.4992,
252.9995, 314.7255

■ 3.3598, 3.5330,
6.4588

289.0919,

■ 1.3468, 1.4159,

304.1201, 375.3929

3.0528

343.8250,
361.7010, 443.3948

■ 0.2178, 0.2284,
1.1216

■ 0.0000, 0.0000,
0.0000

■ 57.4347, 60.4152,
81.3072

■ 57.4347, 60.4152,
81.3072

■ 48.8660, 51.1619,
79.9737

■ 67.2047, 70.7530,
82.7886

■ 41.4445, 42.9480,
78.7794

■ 78.2165, 82.2031,
84.4183

■ 35.1196, 35.7364,
77.7208

■ 88.6129, 93.8213,
86.1129

■ 29.8348, 29.4845,
76.7926

■ 90.8653, 98.3261,
86.8637

■ 25.5280, 24.1462,
75.9892

■ 22.1300, 19.6710,
75.3045

■ 19.5612, 16.0020,
74.7317

■ 17.7254, 13.0731,
74.2631

■ 17.0615, 11.9384,
74.0791

Harmonies

Analogous

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



54.9481, 60.4152, 79.1182



57.4347, 60.4152, 81.3072



59.9920, 60.4152, 79.0798

Triad

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



57.4347, 60.4152, 81.3072



61.8956, 60.4152, 58.7943



53.1597, 60.4152, 58.8489

Complementary

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



57.4347, 60.4152, 81.3072



65.2400, 68.2296, 59.6016

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.



54.9281, 60.4152, 54.0651



57.4347, 60.4152, 81.3072



59.9708, 60.4152, 54.0353

Square

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



57.4347, 60.4152, 81.3072



62.6148, 60.4152, 65.7479



57.4110, 60.4152, 52.3705



52.5261, 60.4152, 65.8159

Rectangle

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



57.4347, 60.4152, 81.3072



61.3812, 60.4152, 75.4804



57.4110, 60.4152, 52.3705



53.6384, 60.4152, 56.9519

Sweetspot

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



57.4365, 60.4177, 81.3086



88.0105, 92.6549, 107.8533



61.2929, 70.9795, 73.8107



18.6332, 19.6174, 23.0544



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.



57.4365, 60.4177, 81.3086



70.4601, 74.0278, 105.1829



55.5026, 54.9936, 80.3635



14.0192, 14.7598, 18.2544



10.0528, 7.1677, 43.2368



0.8295, 0.7030, 3.2239

Inverse Universe

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



61.5491, 58.4394, 65.7964



76.9732, 71.0796, 80.5751



67.3903, 74.4197, 60.6831



14.5973, 14.4561, 16.0797



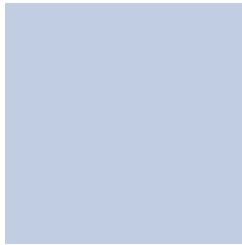
19.4677, 9.9213, 6.0918



1.4823, 0.7506, 0.6805

Previews

White Background



This preview shows how the XYZ color 57.4347, 60.4152, 81.3072 looks on a white background.

Color Contrast Check

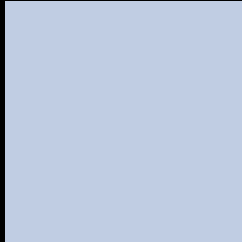
Large Text (above 18pt) WCAG AA × Fail

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 57.4347, 60.4152, 81.3072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

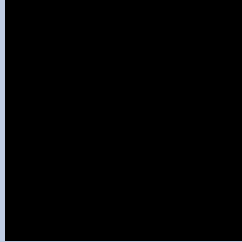
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.4347, 60.4152, 81.3072

Background



This preview shows how black text looks on a background with the XYZ color 57.4347, 60.4152, 81.3072.



This preview shows how white text looks on a background with the XYZ color 57.4347, 60.4152,

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

57.4347, 60.4152, 81.3072

Protanopia

58.7985, 60.0948, 79.7346

Deuteranopia

61.3491, 59.9867, 81.7439



Tritanopia

56.7420, 60.4929, 77.7929

Trichromacy



Original Color

57.4347, 60.4152, 81.3072

Protanomaly

58.3721, 60.2086, 80.4964

Deuteranomaly

60.0671, 60.3539, 81.8824

Tritanomaly

57.0117, 60.6008, 79.2133

Monochromacy



Original Color

57.4347, 60.4152, 81.3072

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 57.4347, 60.4152, 81.3072 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(192, 205, 227)` looks like.

```
.text, #text, p{  
    color:rgb(192, 205, 227)  
}
```

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(192, 205, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 205, 227) }
```

Border

The CSS property to change the border of an element to XYZ 57.4347, 60.4152, 81.3072 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(192, 205, 227) }
```


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

```
.border{ border-color:rgb(192, 205, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 205, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 205, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 205, 227); box-shadow:4px 4px 4px 4px rgb(192, 205, 227) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4347, 60.4152, 81.3072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 205, 227) }
```

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

```
.background{ background-color: rgb(192,  
205, 227) }
```

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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