

Converting Colors

XYZ(57.5164, 58.2819,
100.3136)

Have a look what the booklet for
XYZ(57.5164, 58.2819, 100.3136)
contains.

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Color

**XYZ(57.5164, 58.2819,
100.3136)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C8FC
RGB	182, 200, 252
RGB Percent	71%, 78%, 99%
CMY	0.2863, 0.2157, 0.0118
CMYK	0.28, 0.21, 0.00, 0.01
HSL	225°, 92%, 85%
HSV	225°, 28%, 99%
XYZ	57.5164, 58.2819, 100.3136
YIQ	200.5460, -27.4200, 12.3560

Conversions

Conversions Part 2

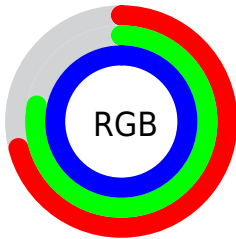
Format	Color
R_{YB}	182, 196, 252
Decimal	11979004
CIE Lab	80.90, 5.26, -27.55
CIE LCh	81, 28.047, 280.818
Yxy	58.2819, 0.2661, 0.2697
Android (android.graphics.Color)	4290169084 (0xFFB6C8FC)
YUV	200.5460, 25.3668, -16.2648
Hunter-Lab	76.3426, 0.8821, -24.4668

Details

The XYZ color **57.5164, 58.2819, 100.3136** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.0122, 82.9193, 56.1512**, and the grayscale version is **55.0984, 57.9678, 63.1269**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **29.0313, 29.0871, 55.7140** is the 20% darker color. If you saturate the color by 10%, you get **48.0189, 47.3401, 98.7032**, and if you desaturate by 10%, it is **68.6194, 70.8420, 102.1538**.

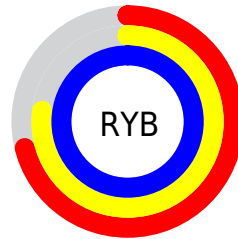
Distribution



Red (71%)

Green (78%)

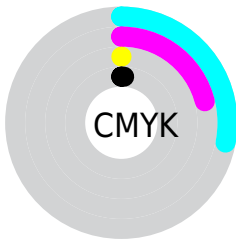
Blue (99%)



Red (71%)

Yellow (77%)

Blue (99%)

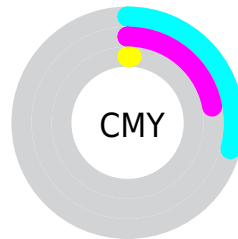


Cyan (28%)

Magenta (21%)

Yellow (0%)

Black (1%)



Cyan (29%)

Magenta (22%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5164, 58.2819, 100.3136 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 57.5164, 58.2819, 100.3136 by changing the saturation by 10% instead.

■ 57.5164, 58.2819,
100.3136

■ 57.5164, 58.2819,
100.3136

405.3645,
418.2355, 582.4529

■ 41.6617, 42.0353,
75.9441

■ 100.3453,
102.3333, 163.6437

■ 29.0265, 29.1290,
55.8803

128.0503,
130.9068, 203.4414

■ 19.2452, 19.1784,
39.7036

160.4360,
164.3582, 249.2189

■ 11.9527, 11.7993,
26.9955

197.8680,
203.0717, 301.3948

■ 6.7834, 6.6071,
17.3374

240.7114,
247.4318, 360.3877

■ 3.3721, 3.2176,
10.3109

289.3318,

■ 1.3535, 1.2464,

297.8229, 426.6159

5.4973

344.0943,
354.6293, 500.4981

■ 0.2227, 0.0991,
2.4781

■ 0.0000, 0.0000,
0.8285

■ 57.5164, 58.2819,
100.3136

■ 57.5164, 58.2819,
100.3136

■ 48.0189, 47.3401,
98.7032

■ 68.6194, 70.8420,
102.1538

■ 40.0446, 37.9419,
97.3094

■ 81.3935, 85.0772,
104.2282

■ 33.5125, 30.0168,
96.1240

94.5709, 99.8084,
106.3770

■ 28.3311, 23.4856,
95.1365

■ 24.3978, 18.2610,
94.3353

■ 21.5940, 14.2445,
93.7078

■ 19.7670, 11.3165,
93.2390

■ 19.4499, 10.7865,
93.1534

Harmonies

Analogous

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



51.8088, 58.2819, 98.6854



57.5164, 58.2819, 100.3136



63.0150, 58.2819, 90.8502

Triad

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



57.5164, 58.2819, 100.3136



64.2774, 58.2819, 44.7760



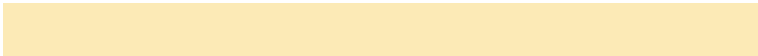
45.5092, 58.2819, 53.5264

Complementary

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



57.5164, 58.2819, 100.3136



78.0122, 82.9193, 56.1512

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.



48.4159, 58.2819, 42.2142



57.5164, 58.2819, 100.3136



59.1434, 58.2819, 37.8058

Square

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



57.5164, 58.2819, 100.3136



67.0957, 58.2819, 57.6471



53.3268, 58.2819, 36.9581



45.1407, 58.2819, 69.6491

Rectangle

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



57.5164, 58.2819, 100.3136



65.7211, 58.2819, 80.3532



53.3268, 58.2819, 36.9581



46.2118, 58.2819, 49.1163

Sweetspot

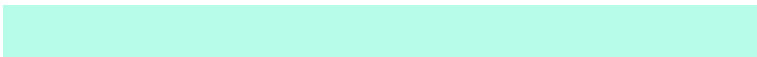
The Sweet Spot groups the original color and five complimentary colors.



57.5183, 58.2842, 100.3149



83.2938, 87.0437, 107.0188



68.8589, 85.4695, 90.2101



17.3827, 18.1369, 22.8346



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.



57.5183, 58.2842, 100.3149



53.7693, 53.7758, 102.1536



57.6770, 52.5372, 99.1973



16.6458, 17.3685, 21.8604



10.2313, 5.8183, 48.5573



1.0291, 0.7020, 4.5244

Inverse Universe

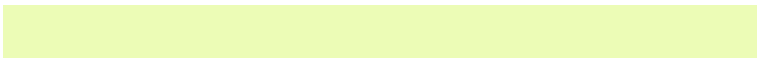
The Inverse Universe completely reimagines the original color for something new.



67.2998, 58.3233, 62.3564



65.3434, 54.1567, 57.1635



77.7367, 90.7753, 57.6821



17.4278, 17.2985, 18.8424



21.4563, 10.9983, 3.8455



2.0284, 1.0351, 0.5729

Previews

White Background



This preview shows how the XYZ color 57.5164, 58.2819, 100.3136 looks on a white background.

Color Contrast Check

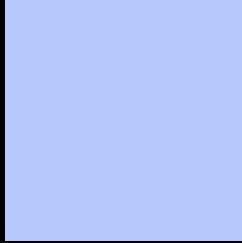
Large Text (above 18pt) WCAG AA × Fail

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 57.5164, 58.2819, 100.3136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

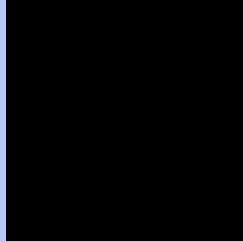
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.5164, 58.2819, 100.3136

Background



This preview shows how black text looks on a background with the XYZ color 57.5164, 58.2819, 100.3136.



This preview shows how white text looks on a background with the XYZ color 57.5164, 58.2819,

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

57.5164, 58.2819, 100.3136

Protanopia

58.3457, 58.0446, 99.3954

Deuteranopia

59.6882, 58.3618, 101.0476



Tritanopia

52.9206, 58.1667, 77.5453

Trichromacy



Original Color

57.5164, 58.2819, 100.3136

Protanomaly

58.0857, 58.2510, 99.4489

Deuteranomaly

58.9100, 58.2988, 101.0764

Tritanomaly

54.4240, 58.0600, 85.4291

Monochromacy



Original Color

57.5164, 58.2819, 100.3136

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.0530, 58.4099, 76.0301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5164, 58.2819, 100.3136 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(182, 200, 252)` looks like.

```
.text, #text, p{  
    color:rgb(182, 200, 252)  
}
```

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(182, 200, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 200, 252) }
```

Border

The CSS property to change the border of an element to XYZ 57.5164, 58.2819, 100.3136 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(182, 200, 252) }
```


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

```
.border{ border-color:rgb(182, 200, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 200, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 200, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 200, 252);  
box-shadow:4px 4px 4px 4px rgb(182, 200,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5164, 58.2819, 100.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 200, 252) }
```

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

```
.background{ background-color: rgb(182,  
200, 252) }
```

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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