

Converting Colors

XYZ(57.7402, 58.3400,
103.5924)

Have a look what the booklet for
XYZ(57.7402, 58.3400, 103.5924)
contains.

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Color

**XYZ(57.5267, 58.2319,
102.8156)**

Conversions

Conversions Part 1

Format	Color
Hex	B4C8FF
RGB	180, 200, 255
RGB Percent	71%, 78%, 100%
CMY	0.2941, 0.2157, 0.0000
CMYK	0.29, 0.22, 0.00, 0.00
HSL	224°, 100%, 85%
HSV	224°, 29%, 100%
XYZ	57.5267, 58.2319, 102.8156
YIQ	200.2900, -29.5750, 12.8650

Conversions

Conversions Part 2

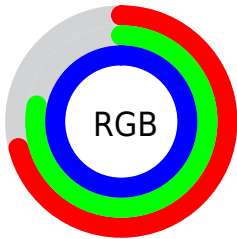
Format	Color
RYB	180, 196, 255
Decimal	11847935
CIELab	80.87, 5.41, -29.20
CIElCh	81, 29.698, 280.494
Yxy	58.2319, 0.2632, 0.2664
Android (android.graphics.Color)	4290038015 (0xFFB4C8FF)
YUV	200.2900, 26.9720, -17.7943
Hunter-Lab	76.3098, 1.0213, -26.4672

Details

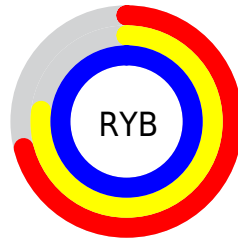
The XYZ color **57.5267, 58.2319, 102.8156** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.1868, 83.9718, 55.2165**, and the grayscale version is **54.9319, 57.7926, 62.9362**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **28.9294, 28.9950, 57.4979** is the 20% darker color. If you saturate the color by 10%, you get **48.0583, 47.3112, 101.2068**, and if you desaturate by 10%, it is **68.6202, 70.7793, 104.6528**.

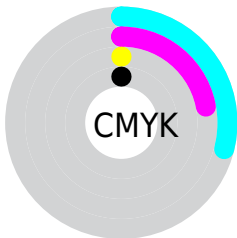
Distribution



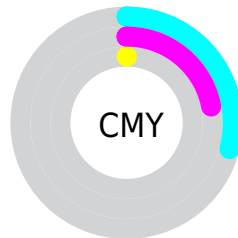
- Red (71%)
- Green (78%)
- Blue (100%)



- Red (71%)
- Yellow (77%)
- Blue (100%)



- Cyan (29%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5267, 58.2319, 102.8156 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 57.5267, 58.2319, 102.8156 by changing the saturation by 10% instead.

■ 57.5267, 58.2319,
102.8156

■ 57.5267, 58.2319,
102.8156

405.4023,
418.0495, 590.5061

■ 41.6700, 41.9951,
78.0241

■ 100.3602,
102.2605, 167.1066

■ 29.0330, 29.0975,
57.5772

128.0678,
130.8211, 207.4432

■ 19.2502, 19.1546,
41.0564

160.4564,
164.2584, 253.7986

■ 11.9563, 11.7820,
28.0431

197.8914,
202.9568, 306.5913

■ 6.7859, 6.5954,
18.1188

240.7382,
247.3007, 366.2399

■ 3.3737, 3.2104,
10.8650

289.3620,

■ 1.3543, 1.2425,

297.6745, 433.1628

5.8631

344.1283,
354.4627, 507.7787

■ 0.2233, 0.0960,
2.6946

■ 0.0000, 0.0000,
0.9407

■ 57.5267, 58.2319,
102.8156

■ 57.5267, 58.2319,
102.8156

■ 48.0583, 47.3112,
101.2068

■ 68.6202, 70.7793,
104.6528

■ 40.1309, 37.9417,
99.8161

■ 81.4071, 85.0115,
106.7260

■ 33.6604, 30.0513,
98.6341

95.0500, 100.0000,
108.9000

■ 28.5519, 23.5593,
97.6503

■ 24.6986, 18.3762,
96.8530

■ 21.9760, 14.4008,
96.2291

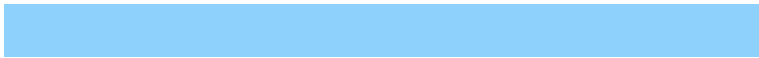
■ 20.2036, 11.4992,
95.7625

■ 20.1174, 11.3548,
95.7391

Harmonies

Analogous

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



51.4972, 58.2319, 100.9288



57.5267, 58.2319, 102.8156



63.3764, 58.2319, 92.7610

Triad

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



57.5267, 58.2319, 102.8156



64.8234, 58.2319, 43.8794



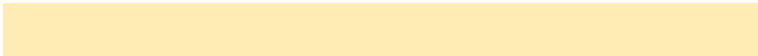
44.9451, 58.2319, 52.7683

Complementary

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



57.5267, 58.2319, 102.8156



79.1868, 83.9718, 55.2165

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.



48.0273, 58.2319, 41.0046



57.5267, 58.2319, 102.8156



59.3855, 58.2319, 36.5679

Square

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



57.5267, 58.2319, 102.8156



67.7912, 58.2319, 57.4416



53.2244, 58.2319, 35.6232



44.5284, 58.2319, 69.7667

Rectangle

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



57.5267, 58.2319, 102.8156



66.2754, 58.2319, 81.5643



53.2244, 58.2319, 35.6232



45.6924, 58.2319, 48.1627

Sweetspot

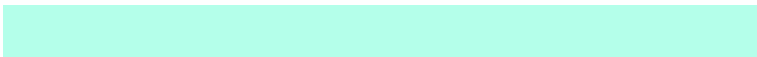
The Sweet Spot groups the original color and five complimentary colors.



57.5284, 58.2341, 102.8160



81.9691, 85.6325, 106.8162



69.3987, 87.1499, 90.8184



17.1212, 17.8605, 22.7950



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.



57.5284, 58.2341, 102.8160



52.0400, 51.9330, 101.8890



57.2027, 51.6336, 101.5591



17.3970, 18.1656, 22.8393



10.6155, 6.1406, 50.0603



1.1188, 0.7683, 4.9026

Inverse Universe

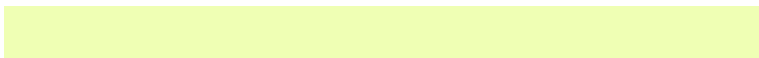
The Inverse Universe completely reimagines the original color for something new.



67.9878, 58.0743, 62.2721



64.0761, 52.1398, 55.1455



79.5111, 93.1228, 56.9657



18.2083, 18.0666, 19.7139



22.1464, 11.3479, 4.1555



2.1993, 1.1221, 0.6310

Previews

White Background



This preview shows how the XYZ color 57.5267, 58.2319, 102.8156 looks on a white background.

Color Contrast Check

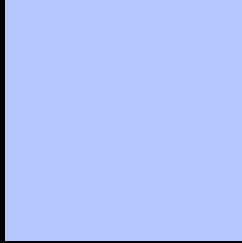
Large Text (above 18pt) WCAG AA × Fail

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 57.5267, 58.2319, 102.8156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

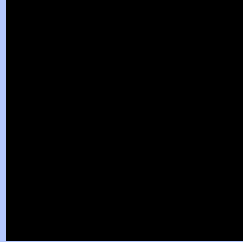
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.5267, 58.2319, 102.8156

Background



This preview shows how black text looks on a background with the XYZ color 57.5267, 58.2319, 102.8156.



This preview shows how white text looks on a background with the XYZ color 57.5267, 58.2319,

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

57.5267, 58.2319, 102.8156

Protanopia

58.5770, 58.1087, 101.8947

Deuteranopia

59.5021, 58.2289, 102.7109



Tritanopia

52.4897, 58.3008, 77.5939

Trichromacy



Original Color

57.5267, 58.2319, 102.8156

Protanomaly

58.0800, 58.1930, 101.9372

Deuteranomaly

58.7376, 58.1730, 102.7404

Tritanomaly

54.3486, 58.3564, 86.2413

Monochromacy



Original Color

57.5267, 58.2319, 102.8156

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.5649, 57.8133, 75.9406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5267, 58.2319, 102.8156 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(180, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(180, 200, 255)  
}
```

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(180, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 200, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.5267, 58.2319, 102.8156 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(180, 200, 255) }
```


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

```
.border{ border-color:rgb(180, 200, 255) }
```

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

Here you see how a box with a 4 pixel rgb(180, 200, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(180, 200,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5267, 58.2319, 102.8156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 200, 255) }
```

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

```
.background{ background-color: rgb(180,  
200, 255) }
```

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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