

Converting Colors

XYZ(57.5115, 58.7171,
102.9101)

Have a look what the booklet for
XYZ(57.5115, 58.7171, 102.9101)
contains.

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Color

**XYZ(57.5270, 58.5770,
102.8822)**

Conversions

Conversions Part 1

Format	Color
Hex	B3C9FF
RGB	179, 201, 255
RGB Percent	70%, 79%, 100%
CMY	0.2980, 0.2117, 0.0000
CMYK	0.30, 0.21, 0.00, 0.00
HSL	223°, 100%, 85%
HSV	223°, 30%, 100%
XYZ	57.5270, 58.5770, 102.8822
YIQ	200.5780, -30.4460, 12.1300

Conversions

Conversions Part 2

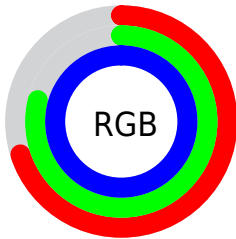
Format	Color
R_{YB}	179, 196, 255
Decimal	11782655
CIE _{Lab}	81.06, 4.59, -28.91
CIE _{LCh}	81, 29.275, 279.014
Yxy	58.5770, 0.2627, 0.2675
Android (android.graphics.Color)	4289972735 (0xFFB3C9FF)
YUV	200.5780, 26.8300, -18.9239
Hunter-Lab	76.5356, 0.2299, -26.1250

Details

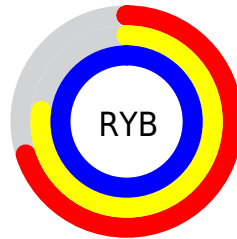
The XYZ color **57.5270, 58.5770, 102.8822** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.5157, 82.7922, 54.4918**, and the grayscale version is **55.1106, 57.9806, 63.1409**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **28.9389, 29.2297, 57.5427** is the 20% darker color. If you saturate the color by 10%, you get **48.1921, 47.8614, 101.3059**, and if you desaturate by 10%, it is **68.4533, 70.8552, 104.6763**.

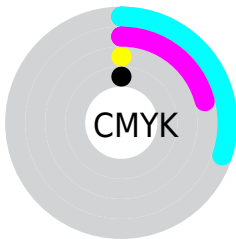
Distribution



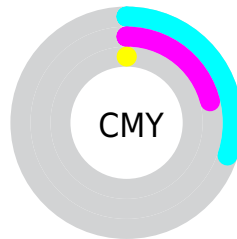
- Red (70%)
- Green (79%)
- Blue (100%)



- Red (70%)
- Yellow (77%)
- Blue (100%)



- Cyan (30%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5270, 58.5770, 102.8822 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 57.5270, 58.5770, 102.8822 by changing the saturation by 10% instead.

■ 57.5270, 58.5770,
102.8822

■ 57.5270, 58.5770,
102.8822

405.4034,
419.3325, 590.7197

■ 41.6703, 42.2727,
78.0795

■ 100.3607,
102.7626, 167.1987

■ 29.0332, 29.3149,
57.6225

128.0683,
131.4127, 207.5496

■ 19.2503, 19.3192,
41.0925

160.4570,
164.9469, 253.9202

■ 11.9564, 11.9011,
28.0711

197.8921,
203.7496, 306.7293

■ 6.7860, 6.6764,
18.1398

240.7390,
248.2050, 366.3952

■ 3.3737, 3.2605,
10.8799

289.3629,

■ 1.3544, 1.2692,

298.6978, 433.3365

5.8730

344.1293,
355.6121, 507.9719

■ 0.2233, 0.1172,
2.7005

■ 0.0000, 0.0000,
0.9437

■ 57.5270, 58.5770,
102.8822

■ 57.5270, 58.5770,
102.8822

■ 48.1921, 47.8614,
101.3059

■ 68.4533, 70.8552,
104.6763

■ 40.3659, 38.6362,
99.9378

■ 81.0378, 84.7508,
106.6951

■ 33.9661, 30.8332,
98.7689

95.0500, 100.0000,
108.9000

■ 28.8997, 24.3756,
97.7895

■ 25.0615, 19.1785,
96.9887

■ 22.3290, 15.1455,
96.3542

■ 20.5171, 12.1448,
95.8705

■ 20.4869, 12.0938,
95.8623

Harmonies

Analogous

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



51.5937, 58.5770, 100.4166



57.5270, 58.5770, 102.8822



63.3623, 58.5770, 93.4851

Triad

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



57.5270, 58.5770, 102.8822



65.2600, 58.5770, 44.9438



45.4604, 58.5770, 52.5273

Complementary

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



57.5270, 58.5770, 102.8822



78.5157, 82.7922, 54.4918

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.



48.6373, 58.5770, 41.1466



57.5270, 58.5770, 102.8822



59.9675, 58.5770, 37.3539

Square

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



57.5270, 58.5770, 102.8822



68.0357, 58.5770, 58.6785



53.8645, 58.5770, 36.1032



44.9114, 58.5770, 69.1698

Rectangle

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



57.5270, 58.5770, 102.8822



66.3089, 58.5770, 82.6127



53.8645, 58.5770, 36.1032



46.2447, 58.5770, 48.0525

Sweetspot

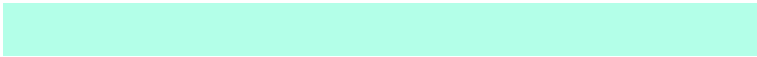
The Sweet Spot groups the original color and five complimentary colors.



57.5287, 58.5792, 102.8826



82.1219, 85.9381, 106.8672



68.9452, 86.9417, 89.6413



17.1586, 17.9353, 22.8075



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.



57.5287, 58.5792, 102.8826



51.5602, 51.7575, 101.8804



56.4709, 50.9576, 101.4672



17.4313, 18.2343, 22.8508



10.8152, 6.5399, 50.1269



1.1421, 0.8148, 4.9104

Inverse Universe

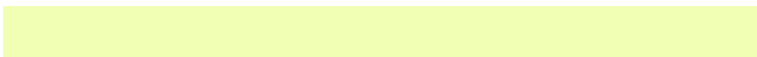
The Inverse Universe completely reimagines the original color for something new.



67.9038, 57.7187, 62.8227



63.6425, 51.2334, 55.1215



79.7645, 93.2652, 56.4475



18.2256, 18.0736, 19.8052



22.2472, 11.3882, 4.6862



2.2111, 1.1268, 0.6929

Previews

White Background



This preview shows how the XYZ color 57.5270, 58.5770, 102.8822 looks on a white background.

Color Contrast Check

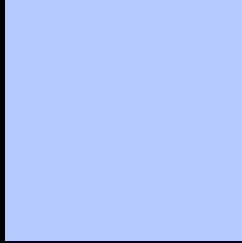
Large Text (above 18pt) WCAG AA × Fail

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 57.5270, 58.5770, 102.8822 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 57.5270, 58.5770, 102.8822

Background



This preview shows how black text looks on a background with the XYZ color 57.5270, 58.5770, 102.8822.



This preview shows how white text looks on a background with the XYZ color 57.5270, 58.5770,

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

57.5270, 58.5770, 102.8822

Protanopia

58.6466, 58.5035, 101.1298

Deuteranopia

59.7545, 58.3590, 102.7227



Tritanopia

52.6454, 58.7240, 78.3722

Trichromacy



Original Color

57.5270, 58.5770, 102.8822

Protanomaly

58.3108, 58.6547, 102.0141

Deuteranomaly

58.7376, 58.1730, 102.7404

Tritanomaly

54.5059, 58.7748, 87.0692

Monochromacy



Original Color

57.5270, 58.5770, 102.8822

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.9301, 58.3312, 76.7178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5270, 58.5770, 102.8822 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(179, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 201, 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(179, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 201, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.5270, 58.5770, 102.8822 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(179, 201, 255) }
```


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

```
.border{ border-color:rgb(179, 201, 255) }
```

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

Here you see how a box with a 4 pixel rgb(179, 201, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 201,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5270, 58.5770, 102.8822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 201, 255) }
```

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

```
.background{ background-color: rgb(179,  
201, 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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