

Converting Colors

XYZ(57.7226, 58.2295,
102.8049)

Have a look what the booklet for
XYZ(57.7226, 58.2295, 102.8049)
contains.

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Color

**XYZ(57.7603, 58.3523,
102.8266)**

Conversions

Conversions Part 1

Format	Color
Hex	B5C8FF
RGB	181, 200, 255
RGB Percent	71%, 78%, 100%
CMY	0.2902, 0.2157, 0.0000
CMYK	0.29, 0.22, 0.00, 0.00
HSL	225°, 100%, 85%
HSV	225°, 29%, 100%
XYZ	57.7603, 58.3523, 102.8266
YIQ	200.5890, -28.9790, 13.0770

Conversions

Conversions Part 2

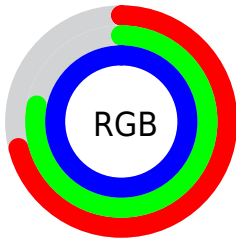
Format	Color
R_{YB}	181, 196, 255
Decimal	11913471
CIE Lab	80.93, 5.69, -29.09
CIE LCh	81, 29.645, 281.072
Yxy	58.3523, 0.2638, 0.2665
Android (android.graphics.Color)	4290103551 (0xFFB5C8FF)
YUV	200.5890, 26.8246, -17.1796
Hunter-Lab	76.3887, 1.2903, -26.3380

Details

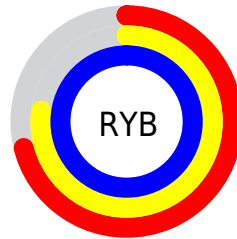
The XYZ color **57.7603, 58.3523, 102.8266** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.5761, 84.5868, 55.8506**, and the grayscale version is **55.1168, 57.9871, 63.1480**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **29.0761, 29.0706, 57.5048** is the 20% darker color. If you saturate the color by 10%, you get **48.1988, 47.3073, 101.1986**, and if you desaturate by 10%, it is **68.9636, 71.0541, 104.6878**.

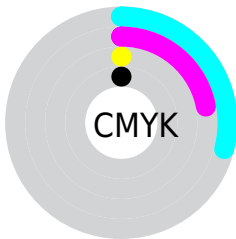
Distribution



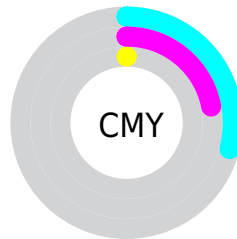
- Red (71%)
- Green (78%)
- Blue (100%)



- 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 57.7603, 58.3523, 102.8266 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 57.7603, 58.3523, 102.8266 by changing the saturation by 10% instead.

■ 57.7603, 58.3523,
102.8266

■ 57.7603, 58.3523,
102.8266

406.2604,
418.4974, 590.5414

■ 41.8585, 42.0919,
78.0332

■ 100.6987,
102.4357, 167.1218

■ 29.1811, 29.1733,
57.5847

128.4660,
131.0276, 207.4608

■ 19.3629, 19.2120,
41.0624

160.9191,
164.4987, 253.8187

■ 12.0383, 11.8235,
28.0477

198.4235,
203.2335, 306.6141

■ 6.8422, 6.6236,
18.1223

241.3445,
247.6164, 366.2655

■ 3.4090, 3.2279,
10.8675

290.0474,

■ 1.3736, 1.2518,

298.0317, 433.1915

5.8647

344.8976,
354.8639, 507.8106

■ 0.2373, 0.1034,
2.6956

■ 0.0000, 0.0000,
0.9412

■ 57.7603, 58.3523,
102.8266

■ 57.7603, 58.3523,
102.8266

■ 48.1988, 47.3073,
101.1986

■ 68.9636, 71.0541,
104.6878

■ 40.1943, 37.8418,
99.7935

■ 81.8776, 85.4720,
106.7901

■ 33.6621, 29.8825,
98.6015

95.0500, 100.0000,
108.9000

■ 28.5069, 23.3467,
97.6116

■ 24.6212, 18.1433,
96.8121

■ 21.8800, 14.1691,
96.1894

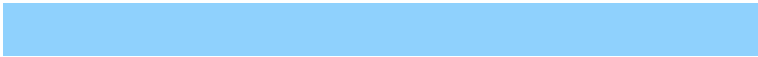
■ 20.1087, 11.2909,
95.7273

■ 19.9679, 11.0557,
95.6893

Harmonies

Analogous

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



51.7202, 58.3523, 101.1830



57.7603, 58.3523, 102.8266



63.5854, 58.3523, 92.5841

Triad

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



57.7603, 58.3523, 102.8266



64.8464, 58.3523, 43.8108



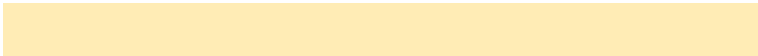
45.0279, 58.3523, 53.1877

Complementary

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



57.7603, 58.3523, 102.8266



79.5761, 84.5868, 55.8506

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.



48.0619, 58.3523, 41.3039



57.7603, 58.3523, 102.8266



59.3802, 58.3523, 36.6205

Square

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



57.7603, 58.3523, 102.8266



67.8730, 58.3523, 57.2614



53.2257, 58.3523, 35.7965



44.6646, 58.3523, 70.2524

Rectangle

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



57.7603, 58.3523, 102.8266



66.4493, 58.3523, 81.3327



53.2257, 58.3523, 35.7965



45.7582, 58.3523, 48.5450

Sweetspot

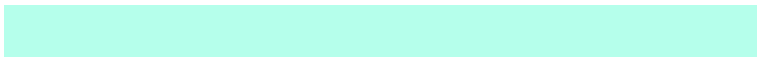
The Sweet Spot groups the original color and five complimentary colors.



57.7620, 58.3545, 102.8269



81.9029, 85.5001, 106.7942



69.8509, 87.3578, 91.9803



17.1050, 17.8280, 22.7896



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.



57.7620, 58.3545, 102.8269



51.8497, 51.5523, 101.8256



57.9342, 52.3114, 101.6514



17.3821, 18.1358, 22.8344



10.5344, 5.9783, 50.0333



1.1091, 0.7489, 4.8994

Inverse Universe

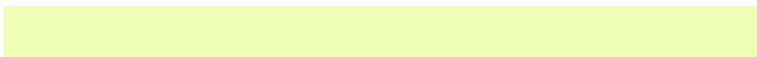
The Inverse Universe completely reimagines the original color for something new.



68.1903, 58.4794, 62.3396



63.9801, 52.1013, 54.6395



79.2715, 92.9875, 57.4881



18.2008, 18.0636, 19.6743



22.1055, 11.3315, 3.9399



2.1944, 1.1202, 0.6054

Previews

White Background



This preview shows how the XYZ color 57.7603, 58.3523, 102.8266 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 57.7603, 58.3523, 102.8266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

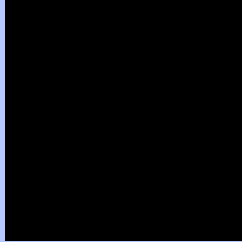
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7603, 58.3523, 102.8266

Background



This preview shows how black text looks on a background with the XYZ color 57.7603, 58.3523, 102.8266.



This preview shows how white text looks on a background with the XYZ color 57.7603, 58.3523,

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

57.7603, 58.3523, 102.8266

Protanopia

58.5770, 58.1087, 101.8947

Deuteranopia

59.5021, 58.2289, 102.7109



Tritanopia

52.7117, 58.4152, 77.6043

Trichromacy



Original Color

57.7603, 58.3523, 102.8266

Protanomaly

58.3204, 58.3169, 101.9484

Deuteranomaly

58.7376, 58.1730, 102.7404

Tritanomaly

54.5756, 58.4734, 86.2519

Monochromacy



Original Color

57.7603, 58.3523, 102.8266

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.1859, 58.4631, 76.7298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7603, 58.3523, 102.8266 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(181, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 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(181, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 200, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.7603, 58.3523, 102.8266 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(181, 200, 255) }
```


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

```
.border{ border-color:rgb(181, 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(181, 200, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(181, 200,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7603, 58.3523, 102.8266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 200, 255) }
```

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

```
.background{ background-color: rgb(181,  
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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