

Converting Colors

XYZ(63.3479, 58.0625,
132.3370)

Have a look what the booklet for
XYZ(63.3479, 58.0625, 132.3370)
contains.

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Color

**XYZ(57.8590, 56.0513,
102.3772)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC1FF
RGB	188, 193, 255
RGB Percent	74%, 76%, 100%
CMY	0.2627, 0.2431, 0.0000
CMYK	0.26, 0.24, 0.00, 0.00
HSL	236°, 100%, 87%
HSV	236°, 26%, 100%
XYZ	57.8590, 56.0513, 102.3772
YIQ	198.5730, -22.8820, 18.2220

Conversions

Conversions Part 2

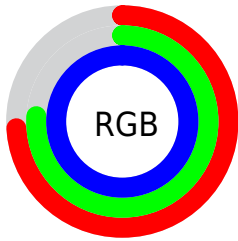
Format	Color
R _Y B	188, 193, 255
Decimal	12370431
CIE Lab	79.64, 11.50, -31.03
CIE LCh	80, 33.095, 290.333
Yxy	56.0513, 0.2675, 0.2592
Android (android.graphics.Color)	4290560511 (0xFFBCC1FF)
YUV	198.5730, 27.8185, -9.2725
Hunter-Lab	74.8674, 6.9303, -28.6687

Details

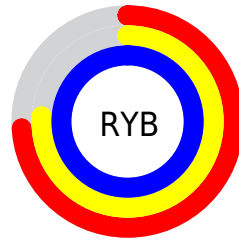
The XYZ color **57.8590, 56.0513, 102.3772** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.5028, 93.2617, 61.1263**, and the grayscale version is **53.8725, 56.6780, 61.7224**.

A 20% lighter version of the original color is **89.5819, 94.3838, 108.1042**, and **29.2440, 27.8199, 57.2545** is the 20% darker color. If you saturate the color by 10%, you get **47.3166, 43.4819, 100.5067**, and if you desaturate by 10%, it is **70.3468, 70.8615, 104.5777**.

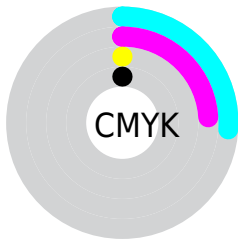
Distribution



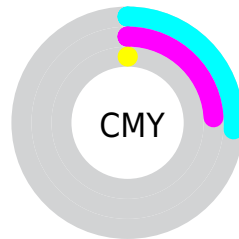
- Red (74%)
- Green (76%)
- Blue (100%)



- Red (74%)
- Yellow (76%)
- Blue (100%)



- Cyan (26%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8590, 56.0513, 102.3772 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 57.8590, 56.0513, 102.3772 by changing the saturation by 10% instead.

■ 57.8590, 56.0513,
102.3772

■ 57.8590, 56.0513,
102.3772

406.6227,
409.8848, 589.0992

■ 41.9381, 40.2441,
77.6594

■ 100.8416, 99.0796,
166.5005

■ 29.2437, 27.7289,
57.2794

128.6341,
127.0694, 206.7430

■ 19.4105, 18.1214,
40.8188

161.1145,
159.8889, 252.9976

■ 12.0730, 11.0372,
27.8589

198.6482,
197.9224, 305.6827

■ 6.8660, 6.0918,
17.9812

241.6005,
241.5544, 365.2168

■ 3.4240, 2.9010,
10.7672

290.3368,

■ 1.3818, 1.0803,

291.1691, 432.0186

5.7983

345.2224,
347.1512, 506.5066

■ 0.2432, 0.0000,
2.6560

■ 0.0000, 0.0000,
0.9212

■ 57.8590, 56.0513,
102.3772

■ 57.8590, 56.0513,
102.3772

■ 47.3166, 43.4819,
100.5067

■ 70.3468, 70.8615,
104.5777

■ 38.6168, 33.0381,
98.9494

■ 84.8659, 88.0076,
107.1220

■ 31.6549, 24.6039,
97.6884

95.0500, 100.0000,
108.9000

■ 26.3137, 18.0500,
96.7048

■ 22.4615, 13.2314,
95.9778

■ 19.9457, 9.9823,
95.4833

■ 18.5801, 8.1037,
95.1926

■ 18.2834, 7.6869,
95.1278

Harmonies

Analogous

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



51.1496, 56.0513, 104.8937



57.8590, 56.0513, 102.3772



63.7746, 56.0513, 87.6189

Triad

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



57.8590, 56.0513, 102.3772



61.8919, 56.0513, 36.8894



41.6013, 56.0513, 55.0659

Complementary

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



57.8590, 56.0513, 102.3772



84.5028, 93.2617, 61.1263

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.



43.9963, 56.0513, 40.4514



57.8590, 56.0513, 102.3772



55.4587, 56.0513, 31.5006

Square

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



57.8590, 56.0513, 102.3772



66.2344, 56.0513, 49.1316



48.9399, 56.0513, 32.6520



42.1270, 56.0513, 74.7100

Rectangle

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



57.8590, 56.0513, 102.3772



66.2935, 56.0513, 74.2510



48.9399, 56.0513, 32.6520



42.0833, 56.0513, 49.4803

Sweetspot

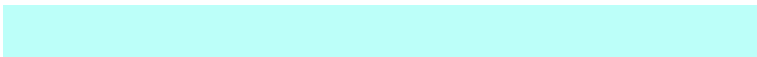
The Sweet Spot groups the original color and five complimentary colors.



57.8607, 56.0535, 102.3776



82.2098, 84.8757, 106.6575



73.6638, 89.0774, 103.2750



17.1119, 17.5954, 22.7443



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.



57.8607, 56.0535, 102.3776



51.5908, 48.5872, 101.2669



64.3287, 57.7743, 102.3688



17.1119, 17.5954, 22.7443



9.5923, 4.0941, 49.7193



0.9700, 0.4706, 4.8530

Inverse Universe

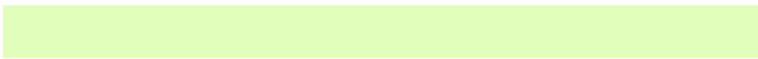
The Inverse Universe completely reimagines the original color for something new.



68.8500, 61.0782, 58.6149



64.4468, 54.5754, 50.0459



76.5427, 91.4956, 61.2049



18.0644, 18.0091, 18.9562



21.6299, 11.1413, 1.4358



2.1242, 1.0921, 0.2355

Previews

White Background



This preview shows how the XYZ color 57.8590, 56.0513, 102.3772 looks on a white background.

Color Contrast Check

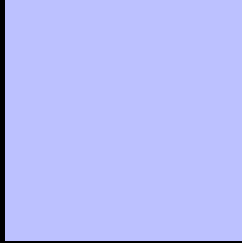
Large Text (above 18pt) WCAG AA × Fail

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 57.8590, 56.0513, 102.3772 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 57.8590, 56.0513, 102.3772

Background



This preview shows how black text looks on a background with the XYZ color 57.8590, 56.0513, 102.3772.



This preview shows how white text looks on a background with the XYZ color 57.8590, 56.0513,

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

57.8590, 56.0513, 102.3772

Protanopia

56.6212, 56.0740, 102.4468

Deuteranopia

57.5915, 56.2427, 102.4283



Tritanopia

51.8713, 55.9697, 73.0351

Trichromacy



Original Color

57.8590, 56.0513, 102.3772

Protanomaly

57.1090, 55.9939, 102.4057

Deuteranomaly

57.8353, 56.3684, 102.4397

Tritanomaly

53.7776, 55.7130, 82.7822

Monochromacy



Original Color

57.8590, 56.0513, 102.3772

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.2581, 56.6491, 75.0398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8590, 56.0513, 102.3772 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(188, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(188, 193, 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(188, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 193, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.8590, 56.0513, 102.3772 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(188, 193, 255) }
```


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

```
.border{ border-color:rgb(188, 193, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(188, 193,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8590, 56.0513, 102.3772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 193, 255) }
```

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

```
.background{ background-color: rgb(188,  
193, 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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