

Converting Colors

XYZ(57.0195, 54.0053,
102.0265)

Have a look what the booklet for
XYZ(57.0195, 54.0053, 102.0265)
contains.

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Color

**XYZ(57.0195, 54.0053,
102.0265)**

Conversions

Conversions Part 1

Format	Color
Hex	BDBCFF
RGB	189, 188, 255
RGB Percent	74%, 74%, 100%
CMY	0.2588, 0.2627, 0.0000
CMYK	0.26, 0.26, 0.00, 0.00
HSL	241°, 100%, 87%
HSV	241°, 26%, 100%
XYZ	57.0195, 54.0053, 102.0265
YIQ	195.9370, -20.9110, 21.0490

Conversions

Conversions Part 2

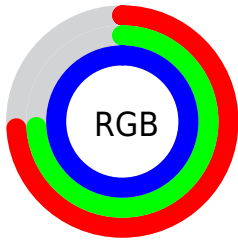
Format	Color
R_{YB}	189, 188, 255
Decimal	12434687
CIE _{Lab}	78.46, 14.52, -32.84
CIE _{LCh}	78, 35.907, 293.851
Yxy	54.0053, 0.2676, 0.2535
Android (android.graphics.Color)	4290624767 (0xFFBDBCFF)
YUV	195.9370, 29.1181, -6.0837
Hunter-Lab	73.4883, 9.8935, -30.8727

Details

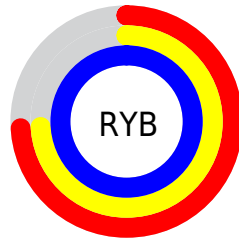
The XYZ color **57.0195, 54.0053, 102.0265** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.7109, 96.2220, 61.6345**, and the grayscale version is **52.2730, 54.9953, 59.8899**.

A 20% lighter version of the original color is **88.4067, 91.5142, 107.6122**, and **28.6885, 26.4735, 57.0239** is the 20% darker color. If you saturate the color by 10%, you get **46.3451, 41.1187, 100.1018**, and if you desaturate by 10%, it is **69.7387, 69.3771, 104.3232**.

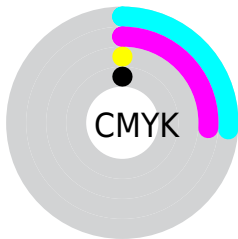
Distribution



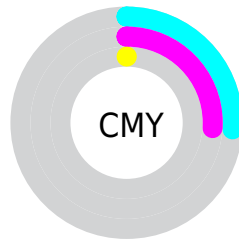
- Red (74%)
- Green (74%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0195, 54.0053, 102.0265 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 57.0195, 54.0053, 102.0265 by changing the saturation by 10% instead.

■ 57.0195, 54.0053,
102.0265

■ 57.0195, 54.0053,
102.0265

403.5354,
402.1302, 587.9725

■ 41.2611, 38.6059,
77.3677

■ 99.6248, 96.0820,
166.0154

■ 28.7117, 26.4533,
57.0414

127.2025,
123.5281, 206.1826

■ 19.0060, 17.1630,
40.6289

159.4506,
155.7586, 252.3564

■ 11.7787, 10.3508,
27.7117

196.7345,
193.1579, 304.9552

■ 6.6643, 5.6322,
17.8713

239.4196,
236.1102, 364.3977

■ 3.2975, 2.6227,
10.6891

287.8712,

■ 1.3130, 0.9381,

285.0002, 431.1024

5.7467

342.4547,
340.2120, 505.4879

■ 0.1929, 0.0000,
2.6254

■ 0.0000, 0.0000,
0.9055

■ 57.0195, 54.0053,
102.0265

■ 57.0195, 54.0053,
102.0265

■ 46.3451, 41.1187,
100.1018

■ 69.7387, 69.3771,
104.3232

■ 37.6043, 30.5811,
98.5285

■ 84.5962, 87.3483,
107.0090

■ 30.6828, 22.2528,
97.2858

95.0500, 100.0000,
108.9000

■ 25.4524, 15.9766,
96.3500

■ 21.7682, 11.5749,
95.6946

■ 19.4610, 8.8398,
95.2883

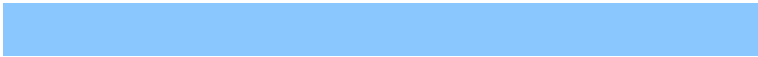
■ 18.3216, 7.5131,
95.0923

■ 18.0976, 7.2445,
95.0522

Harmonies

Analogous

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



49.8895, 54.0053, 106.5646



57.0195, 54.0053, 102.0265



63.0950, 54.0053, 84.8569

Triad

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



57.0195, 54.0053, 102.0265



59.7648, 54.0053, 32.6575



38.9781, 54.0053, 54.7342

Complementary

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



57.0195, 54.0053, 102.0265



85.7109, 96.2220, 61.6345

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.



41.1274, 54.0053, 38.7153



57.0195, 54.0053, 102.0265



52.7989, 54.0053, 27.9917

Square

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



57.0195, 54.0053, 102.0265



64.7790, 54.0053, 44.4371



46.0329, 54.0053, 29.9228



39.8853, 54.0053, 75.9718

Rectangle

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



57.0195, 54.0053, 102.0265



65.5102, 54.0053, 70.2967



46.0329, 54.0053, 29.9228



39.3603, 54.0053, 48.6351

Sweetspot

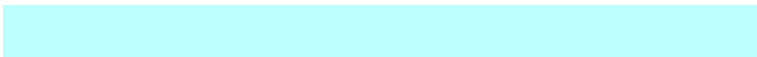
The Sweet Spot groups the original color and five complimentary colors.



57.0211, 54.0074, 102.0269



81.8733, 84.0537, 106.5166



74.5500, 89.4319, 107.9406



17.0281, 17.3907, 22.7092



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.



57.0211, 54.0074, 102.0269



50.6637, 46.3305, 100.8802



66.0060, 58.6392, 102.4474



17.0281, 17.3907, 22.7092



9.4672, 3.7910, 49.6673



0.9302, 0.3735, 4.8363

Inverse Universe

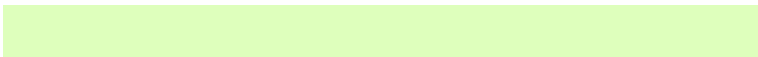
The Inverse Universe completely reimagines the original color for something new.



77.1136, 64.3840, 102.1297



74.1151, 58.4426, 100.9582



74.8094, 90.6021, 61.1243



18.7803, 18.2954, 22.7263



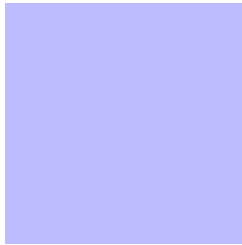
30.6688, 14.7568, 49.0340



2.9897, 1.4383, 4.7933

Previews

White Background



This preview shows how the XYZ color 57.0195, 54.0053, 102.0265 looks on a white background.

Color Contrast Check

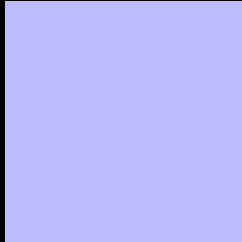
Large Text (above 18pt) WCAG AA × Fail

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 57.0195, 54.0053, 102.0265 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 57.0195, 54.0053, 102.0265

Background



This preview shows how black text looks on a background with the XYZ color 57.0195, 54.0053, 102.0265.



This preview shows how white text looks on a background with the XYZ color 57.0195, 54.0053,

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

57.0195, 54.0053, 102.0265

Protanopia

55.0311, 54.2664, 102.1818

Deuteranopia

55.3426, 54.1207, 101.2954



Tritanopia

50.4460, 53.9366, 70.0394

Trichromacy



Original Color

57.0195, 54.0053, 102.0265

Protanomaly

55.7369, 54.3054, 102.1521

Deuteranomaly

55.8313, 54.0499, 101.2560

Tritanomaly

52.6020, 53.8086, 81.0125

Monochromacy



Original Color

57.0195, 54.0053, 102.0265

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.5867, 54.4871, 73.3384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0195, 54.0053, 102.0265 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(189, 188, 255)` looks like.

```
.text, #text, p{  
    color:rgb(189, 188, 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(189, 188, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 188, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.0195, 54.0053, 102.0265 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(189, 188, 255) }
```


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

```
.border{ border-color:rgb(189, 188, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 188, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 188, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 188, 255);  
box-shadow:4px 4px 4px 4px rgb(189, 188,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0195, 54.0053, 102.0265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 188, 255) }
```

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

```
.background{ background-color: rgb(189,  
188, 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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