

Converting Colors

XYZ(63.7517, 56.6813,
136.5403)

Have a look what the booklet for
XYZ(63.7517, 56.6813, 136.5403)
contains.

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Color

**XYZ(57.2684, 54.1336,
102.0382)**

Conversions

Conversions Part 1

Format	Color
Hex	BEBEFF
RGB	190, 188, 255
RGB Percent	75%, 74%, 100%
CMY	0.2549, 0.2627, 0.0000
CMYK	0.25, 0.26, 0.00, 0.00
HSL	242°, 100%, 87%
HSV	242°, 26%, 100%
XYZ	57.2684, 54.1336, 102.0382
YIQ	196.2360, -20.3150, 21.2610

Conversions

Conversions Part 2

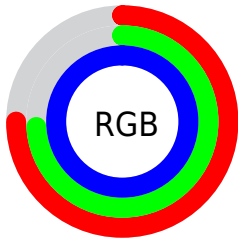
Format	Color
R _Y B	190, 188, 255
Decimal	12500223
CIE Lab	78.54, 14.81, -32.72
CIE LCh	79, 35.914, 294.353
Yxy	54.1336, 0.2683, 0.2536
Android (android.graphics.Color)	4290690303 (0xFFBEBEFF)
YUV	196.2360, 28.9707, -5.4690
Hunter-Lab	73.5755, 10.1804, -30.7234

Details

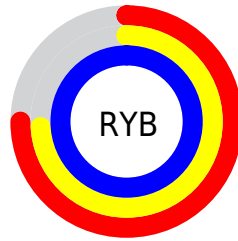
The XYZ color **57.2684, 54.1336, 102.0382** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.3459, 96.0339, 61.6174**, and the grayscale version is **52.4526, 55.1843, 60.0957**.

A 20% lighter version of the original color is **88.7585, 91.6955, 107.6287**, and **28.8487, 26.5561, 57.0314** is the 20% darker color. If you saturate the color by 10%, you get **46.6313, 41.2662, 100.1152**, and if you desaturate by 10%, it is **69.9199, 69.4705, 104.3317**.

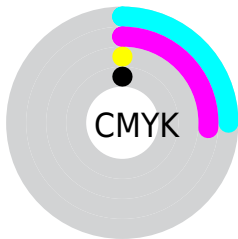
Distribution



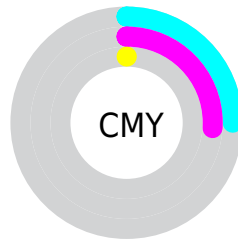
- Red (75%)
- Green (74%)
- Blue (100%)



- Red (75%)
- Yellow (74%)
- Blue (100%)



- Cyan (25%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2684, 54.1336, 102.0382 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 57.2684, 54.1336, 102.0382 by changing the saturation by 10% instead.

■ 57.2684, 54.1336,
102.0382

■ 57.2684, 54.1336,
102.0382

404.4522,
402.6193, 588.0101

■ 41.4617, 38.7085,
77.3775

■ 99.9858, 96.2704,
166.0316

■ 28.8693, 26.5330,
57.0493

127.6273,
123.7508, 206.2013

■ 19.1258, 17.2228,
40.6352

159.9444,
156.0185, 252.3778

■ 11.8657, 10.3935,
27.7166

197.3025,
193.4578, 304.9795

■ 6.7239, 5.6606,
17.8750

240.0670,
236.4532, 364.4251

■ 3.3348, 2.6398,
10.6917

288.6032,

■ 1.3332, 0.9467,

285.3889, 431.1330

5.7484

343.2765,
340.6495, 505.5219

■ 0.2079, 0.0000,
2.6264

■ 0.0000, 0.0000,
0.9060

■ 57.2684, 54.1336,
102.0382

■ 57.2684, 54.1336,
102.0382

■ 46.6313, 41.2662,
100.1152

■ 69.9199, 69.4705,
104.3317

■ 37.9001, 30.7336,
98.5424

■ 84.6770, 87.3900,
107.0127

■ 30.9636, 22.3975,
97.2989

95.0500, 100.0000,
108.9000

■ 25.6971, 16.1027,
96.3615

■ 21.9599, 11.6737,
95.7036

■ 19.5884, 8.9055,
95.2942

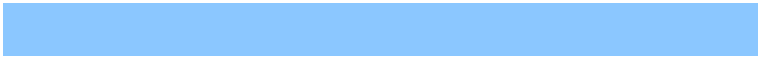
■ 18.3813, 7.5439,
95.0951

■ 18.1452, 7.2691,
95.0545

Harmonies

Analogous

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



50.1253, 54.1336, 106.8369



57.2684, 54.1336, 102.0382



63.3180, 54.1336, 84.6890

Triad

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



57.2684, 54.1336, 102.0382



59.7949, 54.1336, 32.6122



39.0670, 54.1336, 55.1910

Complementary

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



57.2684, 54.1336, 102.0382



85.3459, 96.0339, 61.6174

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.



41.1703, 54.1336, 39.0270



57.2684, 54.1336, 102.0382



52.8027, 54.1336, 28.0503

Square

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



57.2684, 54.1336, 102.0382



64.8677, 54.1336, 44.2920



46.0441, 54.1336, 30.0959



40.0272, 54.1336, 76.5119

Rectangle

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



57.2684, 54.1336, 102.0382



65.6955, 54.1336, 70.0874



46.0441, 54.1336, 30.0959



39.4328, 54.1336, 49.0461

Sweetspot

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



57.2700, 54.1357, 102.0385



81.9738, 84.1056, 106.5213



74.1948, 88.7215, 107.8222



17.0531, 17.4036, 22.7104



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.



57.2700, 54.1357, 102.0385



50.9375, 46.4716, 100.8930



66.3481, 58.8156, 102.4634



17.0531, 17.4036, 22.7104



9.5029, 3.8094, 49.6690



0.9421, 0.3796, 4.8369

Inverse Universe

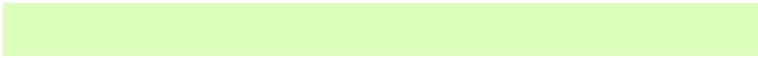
The Inverse Universe completely reimagines the original color for something new.



76.9539, 64.3201, 101.2885



73.9208, 58.3650, 99.9354



74.4695, 90.4269, 61.1084



18.7679, 18.2905, 22.6608



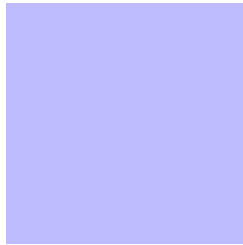
30.3633, 14.6346, 47.4249



2.9635, 1.4278, 4.6550

Previews

White Background



This preview shows how the XYZ color 57.2684, 54.1336, 102.0382 looks on a white background.

Color Contrast Check

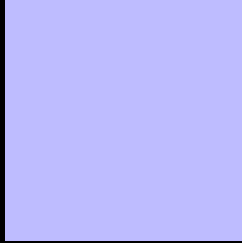
Large Text (above 18pt) WCAG AA × Fail

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 57.2684, 54.1336, 102.0382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

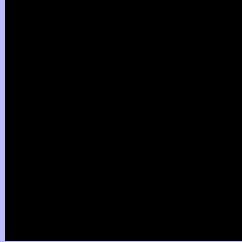
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.2684, 54.1336, 102.0382

Background



This preview shows how black text looks on a background with the XYZ color 57.2684, 54.1336, 102.0382.

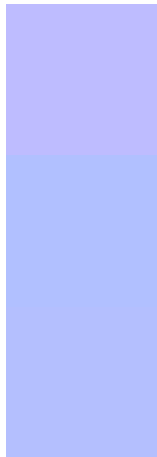


This preview shows how white text looks on a background with the XYZ color 57.2684, 54.1336,

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

57.2684, 54.1336, 102.0382

Protanopia

55.0311, 54.2664, 102.1818

Deuteranopia

55.3426, 54.1207, 101.2954



Tritanopia

50.9150, 54.1784, 70.0613

Trichromacy



Original Color

57.2684, 54.1336, 102.0382

Protanomaly

55.9722, 54.4267, 102.1631

Deuteranomaly

56.0700, 54.1730, 101.2672

Tritanomaly

53.0811, 54.0557, 81.0349

Monochromacy



Original Color

57.2684, 54.1336, 102.0382

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.8425, 54.6190, 73.3504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2684, 54.1336, 102.0382 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(190, 188, 255)` looks like.

```
.text, #text, p{  
    color:rgb(190, 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(190, 188, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 188, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.2684, 54.1336, 102.0382 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(190, 188, 255) }
```


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

```
.border{ border-color:rgb(190, 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(190, 188, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 188, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 188, 255);  
box-shadow:4px 4px 4px 4px rgb(190, 188,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2684, 54.1336, 102.0382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 188, 255) }
```

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

```
.background{ background-color: rgb(190,  
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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