

Converting Colors

XYZ(56.9335, 54.8539,
102.1949)

Have a look what the booklet for
XYZ(56.9335, 54.8539, 102.1949)
contains.

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Color

**XYZ(56.9305, 54.9207,
102.2079)**

Conversions

Conversions Part 1

Format	Color
Hex	BABFFF
RGB	186, 191, 255
RGB Percent	73%, 75%, 100%
CMY	0.2706, 0.2510, 0.0000
CMYK	0.27, 0.25, 0.00, 0.00
HSL	236°, 100%, 86%
HSV	236°, 27%, 100%
XYZ	56.9305, 54.9207, 102.2079
YIQ	196.8010, -23.5240, 18.8440

Conversions

Conversions Part 2

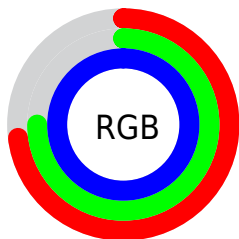
Format	Color
RYB	186, 191, 255
Decimal	12238847
CIELab	79.00, 12.01, -32.04
CIElCh	79, 34.219, 290.550
Yxy	54.9207, 0.2660, 0.2566
Android (android.graphics.Color)	4290428927 (0xFFBABFFF)
YUV	196.8010, 28.6921, -9.4725
Hunter-Lab	74.1085, 7.4347, -29.8948

Details

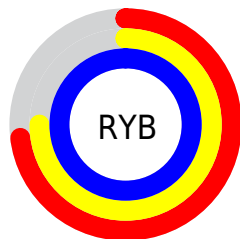
The XYZ color **56.9305, 54.9207, 102.2079** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.2887, 93.1762, 59.9985**, and the grayscale version is **52.7950, 55.5445, 60.4879**.

A 20% lighter version of the original color is **88.2729, 92.7962, 107.8667**, and **28.6416, 27.0795, 57.1434** is the 20% darker color. If you saturate the color by 10%, you get **46.5313, 42.5121, 100.3609**, and if you desaturate by 10%, it is **69.2713, 69.5691, 104.3849**.

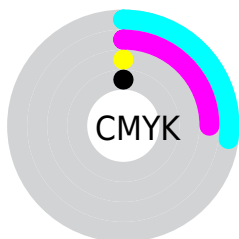
Distribution



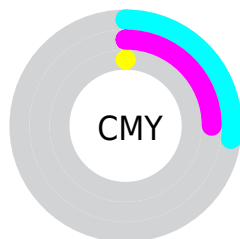
- Red (73%)
- Green (75%)
- Blue (100%)



- Red (73%)
- Yellow (75%)
- Blue (100%)



- Cyan (27%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9305, 54.9207, 102.2079 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 56.9305, 54.9207, 102.2079 by changing the saturation by 10% instead.

■ 56.9305, 54.9207,
102.2079

■ 56.9305, 54.9207,
102.2079

403.2072,
405.6113, 588.5555

■ 41.1894, 39.3382,
77.5186

■ 99.4957, 97.4248,
166.2663

■ 28.6554, 27.0230,
57.1645

127.0505,
125.1151, 206.4725

■ 18.9633, 17.5905,
40.7271

159.2739,
157.6103, 252.6881

■ 11.7476, 10.6564,
27.7878

196.5312,
195.2946, 305.3316

■ 6.6430, 5.8363,
17.9281

239.1879,
238.5524, 364.8215

■ 3.2842, 2.7458,
10.7295

287.6092,

■ 1.3058, 1.0005,

287.7682, 431.5764

5.7734

342.1605,
343.3264, 506.0149

■ 0.1875, 0.0000,
2.6412

■ 0.0000, 0.0000,
0.9136

■ 56.9305, 54.9207,
102.2079

■ 56.9305, 54.9207,
102.2079

■ 46.5313, 42.5121,
100.3609

■ 69.2713, 69.5691,
104.3849

■ 37.9701, 32.2270,
98.8269

■ 83.6403, 86.5534,
106.9059

■ 31.1410, 23.9478,
97.5888

95.0500, 100.0000,
108.9000

■ 25.9256, 17.5432,
96.6275

■ 22.1901, 12.8663,
95.9216

■ 19.7795, 9.7478,
95.4468

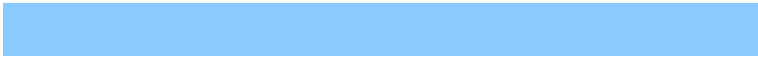
■ 18.5011, 7.9827,
95.1734

■ 18.2742, 7.6684,
95.1247

Harmonies

Analogous

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



50.0812, 54.9207, 104.9139



56.9305, 54.9207, 102.2079



62.9722, 54.9207, 86.9157

Triad

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



56.9305, 54.9207, 102.2079



60.9654, 54.9207, 35.2756



40.3260, 54.9207, 53.8544

Complementary

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



56.9305, 54.9207, 102.2079



84.2887, 93.1762, 59.9985

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.



42.7330, 54.9207, 39.0058



56.9305, 54.9207, 102.2079



54.3788, 54.9207, 29.9236

Square

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



56.9305, 54.9207, 102.2079



65.4387, 54.9207, 47.5839



47.7400, 54.9207, 31.1220



40.8801, 54.9207, 73.9445

Rectangle

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



56.9305, 54.9207, 102.2079



65.5387, 54.9207, 73.1678



47.7400, 54.9207, 31.1220



40.8071, 54.9207, 48.1672

Sweetspot

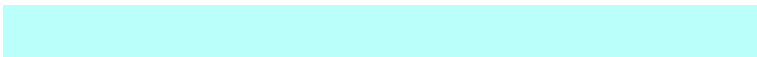
The Sweet Spot groups the original color and five complimentary colors.



56.9321, 54.9228, 102.2083



82.1971, 84.8503, 106.6532



73.1485, 88.8147, 103.1150



17.1087, 17.5891, 22.7432



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.



56.9321, 54.9228, 102.2083



51.5553, 48.5161, 101.2550



63.5611, 56.7487, 102.2113



17.1087, 17.5891, 22.7432



9.5867, 4.0830, 49.7174



0.9685, 0.4676, 4.8525

Inverse Universe

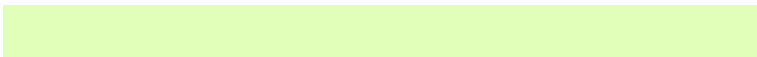
The Inverse Universe completely reimagines the original color for something new.



68.2040, 60.1410, 57.3061



64.4289, 54.5682, 49.9515



76.0662, 91.2747, 60.0649



18.0628, 18.0084, 18.9477



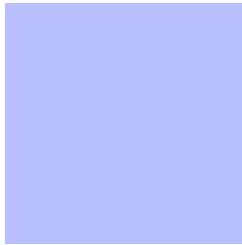
21.6271, 11.1401, 1.4209



2.1234, 1.0918, 0.2315

Previews

White Background



This preview shows how the XYZ color 56.9305, 54.9207, 102.2079 looks on a white background.

Color Contrast Check

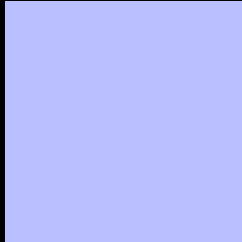
Large Text (above 18pt) WCAG AA × Fail

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 56.9305, 54.9207, 102.2079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

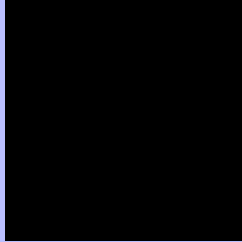
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.9305, 54.9207, 102.2079

Background



This preview shows how black text looks on a background with the XYZ color 56.9305, 54.9207, 102.2079.



This preview shows how white text looks on a background with the XYZ color 56.9305, 54.9207,

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

56.9305, 54.9207, 102.2079

Protanopia

55.7104, 54.9436, 102.2767

Deuteranopia

56.1910, 54.8644, 102.2360



Tritanopia

50.9211, 55.1669, 71.5828

Trichromacy



Original Color

56.9305, 54.9207, 102.2079

Protanomaly

56.1910, 54.8644, 102.2360

Deuteranomaly

56.4281, 54.9866, 102.2471

Tritanomaly

52.9388, 54.9608, 81.9471

Monochromacy



Original Color

56.9305, 54.9207, 102.2079

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.1623, 55.4296, 74.1740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9305, 54.9207, 102.2079 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(186, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 191, 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(186, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 191, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.9305, 54.9207, 102.2079 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(186, 191, 255) }
```


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

```
.border{ border-color:rgb(186, 191, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(186, 191,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9305, 54.9207, 102.2079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 191, 255) }
```

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

```
.background{ background-color: rgb(186,  
191, 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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