

Converting Colors

XYZ(62.3122, 54.6744,
135.0853)

Have a look what the booklet for
XYZ(62.3122, 54.6744, 135.0853)
contains.

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Color

**XYZ(55.9295, 52.1923,
101.7341)**

Conversions

Conversions Part 1

Format	Color
Hex	BCB8FF
RGB	188, 184, 255
RGB Percent	74%, 72%, 100%
CMY	0.2627, 0.2784, 0.0000
CMYK	0.26, 0.28, 0.00, 0.00
HSL	243°, 100%, 86%
HSV	243°, 28%, 100%
XYZ	55.9295, 52.1923, 101.7341
YIQ	193.2900, -20.4070, 22.9290

Conversions

Conversions Part 2

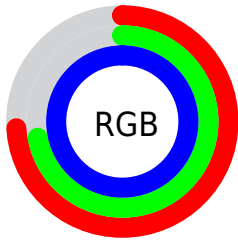
Format	Color
R_{YB}	188, 184, 255
Decimal	12368127
CIE _{Lab}	77.40, 16.42, -34.50
CIE _{LCh}	77, 38.206, 295.458
Yxy	52.1923, 0.2665, 0.2487
Android (android.graphics.Color)	4290558207 (0xFFBCB8FF)
YUV	193.2900, 30.4230, -4.6393
Hunter-Lab	72.2442, 11.7624, -32.9210

Details

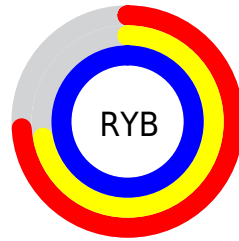
The XYZ color **55.9295, 52.1923, 101.7341** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.1960, 95.4902, 59.3433**, and the grayscale version is **50.6956, 53.3358, 58.0826**.

A 20% lighter version of the original color is **86.8663, 88.9527, 107.1990**, and **27.9822, 25.2964, 56.8339** is the 20% darker color. If you saturate the color by 10%, you get **45.6603, 39.7320, 99.8702**, and if you desaturate by 10%, it is **68.1449, 67.0755, 103.9630**.

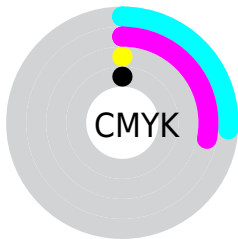
Distribution



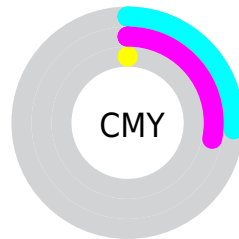
- Red (74%)
- Green (72%)
- Blue (100%)



- Red (74%)
- Yellow (72%)
- Blue (100%)



- Cyan (26%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9295, 52.1923, 101.7341 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 55.9295, 52.1923, 101.7341 by changing the saturation by 10% instead.

■ 55.9295, 52.1923,
101.7341

■ 55.9295, 52.1923,
101.7341

399.5051,
395.1785, 587.0323

■ 40.3832, 37.1584,
77.1246

■ 98.0419, 93.4148,
165.6108

■ 28.0230, 25.3301,
56.8430

125.3387,
120.3721, 205.7151

■ 18.4835, 16.3232,
40.4707

157.2830,
152.0727, 251.8214

■ 11.3995, 9.7531,
27.5891

194.2402,
188.9010, 304.3483

■ 6.4055, 5.2356,
17.7798

236.5757,
231.2413, 363.7143

■ 3.1361, 2.3861,
10.6242

284.6547,

■ 1.2262, 0.8187,

279.4781, 430.3379

5.7038

338.8428,
333.9957, 504.6377

■ 0.1269, 0.0000,
2.6000

■ 0.0000, 0.0000,
0.8924

■ 55.9295, 52.1923,
101.7341

■ 55.9295, 52.1923,
101.7341

■ 45.6603, 39.7320,
99.8702

■ 68.1449, 67.0755,
103.9630

■ 37.2324, 29.5608,
98.3512

■ 82.3947, 84.4940,
106.5740

■ 30.5379, 21.5409,
97.1560

95.0500, 100.0000,
108.9000

■ 25.4562, 15.5176,
96.2612

■ 21.8507, 11.3151,
95.6401

■ 19.5626, 8.7273,
95.2612

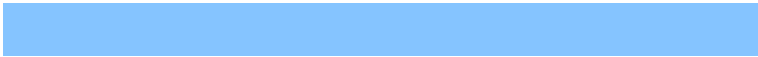
■ 18.3893, 7.4836,
95.0830

■ 18.2368, 7.3163,
95.0587

Harmonies

Analogous

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



48.4971, 52.1923, 107.4411



55.9295, 52.1923, 101.7341



62.1746, 52.1923, 82.9883

Triad

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



55.9295, 52.1923, 101.7341



58.0544, 52.1923, 29.5968



36.8175, 52.1923, 53.6851

Complementary

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



55.9295, 52.1923, 101.7341



84.1960, 95.4902, 59.3433

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.



38.8588, 52.1923, 36.8400



55.9295, 52.1923, 101.7341



50.7341, 52.1923, 25.2906

Square

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



55.9295, 52.1923, 101.7341



63.4839, 52.1923, 41.1540



43.7803, 52.1923, 27.5713



37.9161, 52.1923, 76.0497

Rectangle

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



55.9295, 52.1923, 101.7341



64.5733, 52.1923, 67.6023



43.7803, 52.1923, 27.5713



37.1531, 52.1923, 47.2649

Sweetspot

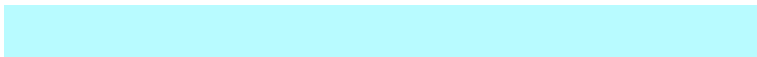
The Sweet Spot groups the original color and five complimentary colors.



55.9311, 52.1943, 101.7344



82.1528, 84.1978, 106.5296



72.4560, 86.6868, 107.5211



17.0977, 17.4266, 22.7125



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.



55.9311, 52.1943, 101.7344



50.3966, 45.4716, 100.7285



65.6386, 57.1987, 102.1887



17.0977, 17.4266, 22.7125



9.5665, 3.8422, 49.6720



0.9633, 0.3905, 4.8379

Inverse Universe

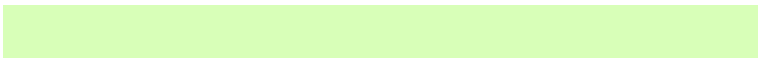
The Inverse Universe completely reimagines the original color for something new.



75.7939, 62.5076, 99.3377



73.0707, 57.2476, 97.8547



72.7169, 89.5725, 58.8061



18.7459, 18.2817, 22.5449



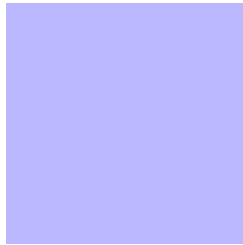
29.8356, 14.4235, 44.6464



2.9179, 1.4096, 4.4153

Previews

White Background



This preview shows how the XYZ color 55.9295, 52.1923, 101.7341 looks on a white background.

Color Contrast Check

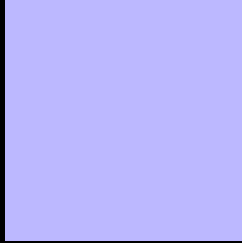
Large Text (above 18pt) WCAG AA × Fail

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 55.9295, 52.1923, 101.7341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

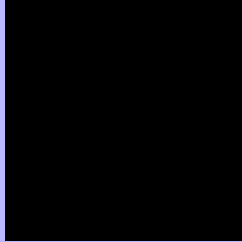
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.9295, 52.1923, 101.7341

Background



This preview shows how black text looks on a background with the XYZ color 55.9295, 52.1923, 101.7341.



This preview shows how white text looks on a background with the XYZ color 55.9295, 52.1923,

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

55.9295, 52.1923, 101.7341

Protanopia

53.2609, 52.3858, 101.9121

Deuteranopia

53.5518, 52.2362, 101.0260



Tritanopia

49.0455, 52.2777, 67.1801

Trichromacy



Original Color

55.9295, 52.1923, 101.7341

Protanomaly

54.1804, 52.2256, 101.8327

Deuteranomaly

54.4821, 52.3997, 101.0086

Tritanomaly

51.2955, 52.2082, 78.6078

Monochromacy



Original Color

55.9295, 52.1923, 101.7341

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.2940, 52.8611, 72.4128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9295, 52.1923, 101.7341 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, 184, 255)` looks like.

```
.text, #text, p{  
    color:rgb(188, 184, 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, 184, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 184, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.9295, 52.1923, 101.7341 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, 184, 255) }
```


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

```
.border{ border-color:rgb(188, 184, 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, 184, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 184, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 184, 255);  
box-shadow:4px 4px 4px 4px rgb(188, 184,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9295, 52.1923, 101.7341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 184, 255) }
```

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

```
.background{ background-color: rgb(188,  
184, 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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