

Converting Colors

XYZ(68.0998, 56.0085,
168.8673)

Have a look what the booklet for
XYZ(68.0998, 56.0085, 168.8673)
contains.

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Color

**XYZ(55.3129, 50.9591,
101.5285)**

Conversions

Conversions Part 1

Format	Color
Hex	BCB5FF
RGB	188, 181, 255
RGB Percent	74%, 71%, 100%
CMY	0.2627, 0.2902, 0.0000
CMYK	0.26, 0.29, 0.00, 0.00
HSL	246°, 100%, 85%
HSV	246°, 29%, 100%
XYZ	55.3129, 50.9591, 101.5285
YIQ	191.5290, -19.5820, 24.4980

Conversions

Conversions Part 2

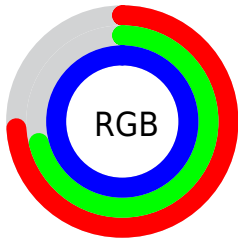
Format	Color
R _Y B	188, 181, 255
Decimal	12367359
CIE Lab	76.65, 18.07, -35.64
CIE LCh	77, 39.963, 296.888
Yxy	50.9591, 0.2662, 0.2452
Android (android.graphics.Color)	4290557439 (0xFFBCB5FF)
YUV	191.5290, 31.2912, -3.0949
Hunter-Lab	71.3856, 13.3852, -34.3555

Details

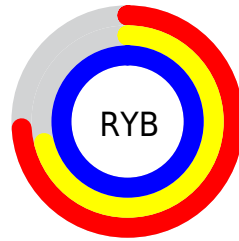
The XYZ color **55.3129, 50.9591, 101.5285** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.8125, 94.8129, 57.6541**, and the grayscale version is **49.6617, 52.2480, 56.8981**.

A 20% lighter version of the original color is **85.9904, 87.2009, 106.9070**, and **27.5851, 24.5021, 56.7016** is the 20% darker color. If you saturate the color by 10%, you get **45.3548, 38.8210, 99.7105**, and if you desaturate by 10%, it is **67.1329, 65.4679, 103.7060**.

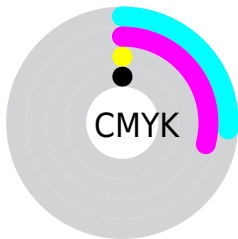
Distribution



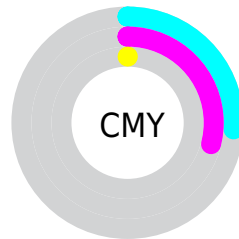
- Red (74%)
- Green (71%)
- Blue (100%)



- Red (74%)
- Yellow (71%)
- Blue (100%)



- Cyan (26%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3129, 50.9591, 101.5285 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 55.3129, 50.9591, 101.5285 by changing the saturation by 10% instead.

■ 55.3129, 50.9591,
101.5285

■ 55.3129, 50.9591,
101.5285

397.2141,
390.4049, 586.3706

■ 39.8871, 36.1761,
76.9537

■ 97.1449, 91.5943,
165.3263

■ 27.6344, 24.5702,
56.7035

124.2818,
118.2153, 205.3863

■ 18.1893, 15.7571,
40.3595

156.0532,
149.5510, 251.4452

■ 11.1865, 9.3525,
27.5030

192.8244,
185.9859, 303.9214

■ 6.2606, 4.9718,
17.7156

234.9607,
227.9043, 363.2335

■ 3.0464, 2.2307,
10.5787

282.8275,

■ 1.1783, 0.7367,

275.6907, 429.8000

5.6737

336.7902,
329.7294, 504.0396

■ 0.0892, 0.0000,
2.5821

■ 0.0000, 0.0000,
0.8832

■ 55.3129, 50.9591,
101.5285

■ 55.3129, 50.9591,
101.5285

■ 45.3548, 38.8210,
99.7105

■ 67.1329, 65.4679,
103.7060

■ 37.1589, 28.9218,
98.2317

■ 80.8982, 82.4581,
106.2600

■ 30.6232, 21.1259,
97.0714

95.0500, 100.0000,
108.9000

■ 25.6335, 15.2804,
96.2061

■ 22.0609, 11.2119,
95.6091

■ 19.7550, 8.7155,
95.2488

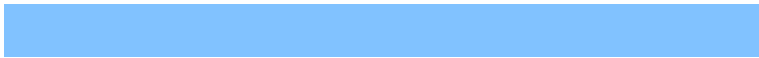
■ 18.5132, 7.4991,
95.0795

■ 18.4296, 7.4157,
95.0678

Harmonies

Analogous

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



47.6501, 50.9591, 108.3174



55.3129, 50.9591, 101.5285



61.6632, 50.9591, 81.4839

Triad

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



55.3129, 50.9591, 101.5285



56.8201, 50.9591, 27.4046



35.3188, 50.9591, 53.2558

Complementary

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



55.3129, 50.9591, 101.5285



82.8125, 94.8129, 57.6541

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.



37.2485, 50.9591, 35.7051



55.3129, 50.9591, 101.5285



49.2287, 50.9591, 23.4273

Square

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



55.3129, 50.9591, 101.5285



62.5951, 50.9591, 38.7037



42.1525, 50.9591, 26.0163



36.5899, 50.9591, 76.5292

Rectangle

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



55.3129, 50.9591, 101.5285



64.0210, 50.9591, 65.4786



42.1525, 50.9591, 26.0163



35.6094, 50.9591, 46.5652

Sweetspot

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



55.3145, 50.9611, 101.5288



80.9249, 82.4912, 106.2649



70.9312, 84.6928, 107.2166



16.8659, 17.0933, 22.6604



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.



55.3145, 50.9611, 101.5288



49.1392, 43.4224, 100.3992



65.3673, 56.1435, 101.9993



17.1623, 17.4599, 22.7155



9.6827, 3.9021, 49.6774



0.9938, 0.4062, 4.8393

Inverse Universe

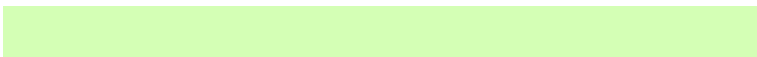
The Inverse Universe completely reimagines the original color for something new.



74.7080, 61.0866, 96.6608



71.5511, 55.1298, 94.5082



71.2049, 88.8290, 57.1109



18.7142, 18.2690, 22.3782



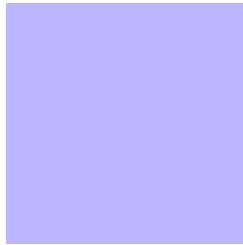
29.1071, 14.1321, 40.8097



2.8547, 1.3843, 4.0824

Previews

White Background



This preview shows how the XYZ color 55.3129, 50.9591, 101.5285 looks on a white background.

Color Contrast Check

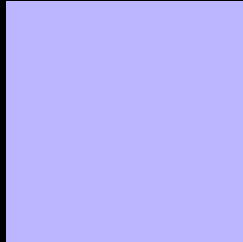
Large Text (above 18pt) WCAG AA × Fail

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 55.3129, 50.9591, 101.5285 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 55.3129, 50.9591, 101.5285

Background



This preview shows how black text looks on a background with the XYZ color 55.3129, 50.9591, 101.5285.



This preview shows how white text looks on a background with the XYZ color 55.3129, 50.9591,

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

55.3129, 50.9591, 101.5285

Protanopia

52.1825, 51.1957, 101.7392

Deuteranopia

52.2429, 50.9315, 100.8432



Tritanopia

47.9141, 50.7481, 65.6625

Trichromacy



Original Color

55.3129, 50.9591, 101.5285

Protanomaly

53.3035, 51.1480, 101.6709

Deuteranomaly

53.1613, 50.7838, 100.7663

Tritanomaly

50.5163, 50.8675, 77.6769

Monochromacy



Original Color

55.3129, 50.9591, 101.5285

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.7348, 51.9491, 71.5904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3129, 50.9591, 101.5285 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, 181, 255)` looks like.

```
.text, #text, p{  
    color:rgb(188, 181, 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, 181, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 181, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.3129, 50.9591, 101.5285 is called "border". The border property can be set on classes, ids or directly on the HTML element.

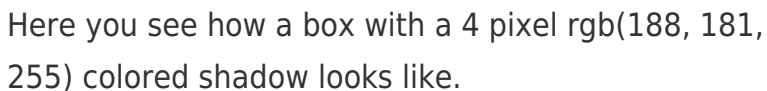
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 181, 255) }
```


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

```
.border{ border-color:rgb(188, 181, 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, 181, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 181, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 181, 255);  
box-shadow:4px 4px 4px 4px rgb(188, 181,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3129, 50.9591, 101.5285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 181, 255) }
```

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

```
.background{ background-color: rgb(188,  
181, 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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