

Converting Colors

XYZ(60.0200, 52.9461,
126.8261)

Have a look what the booklet for
XYZ(60.0200, 52.9461, 126.8261)
contains.

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Color

**XYZ(55.0674, 50.8325,
101.5170)**

Conversions

Conversions Part 1

Format	Color
Hex	BBB5FF
RGB	187, 181, 255
RGB Percent	73%, 71%, 100%
CMY	0.2667, 0.2902, 0.0000
CMYK	0.27, 0.29, 0.00, 0.00
HSL	245°, 100%, 85%
HSV	245°, 29%, 100%
XYZ	55.0674, 50.8325, 101.5170
YIQ	191.2300, -20.1780, 24.2860

Conversions

Conversions Part 2

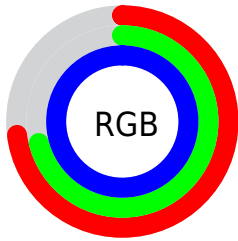
Format	Color
RYB	187, 181, 255
Decimal	12301823
CIELab	76.58, 17.79, -35.77
CIELCh	77, 39.946, 296.439
Yxy	50.8325, 0.2655, 0.2451
Android (android.graphics.Color)	4290491903 (0xFFBBB5FF)
YUV	191.2300, 31.4386, -3.7097
Hunter-Lab	71.2969, 13.0979, -34.5130

Details

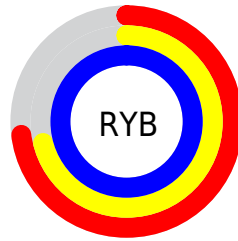
The XYZ color **55.0674, 50.8325, 101.5170** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.1679, 94.9961, 57.6707**, and the grayscale version is **49.4877, 52.0649, 56.6987**.

A 20% lighter version of the original color is **85.6424, 87.0215, 106.8907**, and **27.4279, 24.4211, 56.6942** is the 20% darker color. If you saturate the color by 10%, you get **45.0768, 38.6776, 99.6975**, and if you desaturate by 10%, it is **66.9453, 65.3712, 103.6972**.

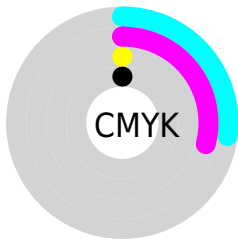
Distribution



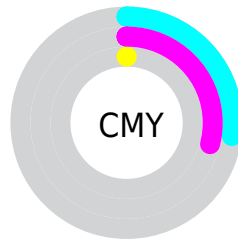
- Red (73%)
- Green (71%)
- Blue (100%)



- Red (73%)
- Yellow (71%)
- Blue (100%)



- Cyan (27%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0674, 50.8325, 101.5170 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 55.0674, 50.8325, 101.5170 by changing the saturation by 10% instead.

■ 55.0674, 50.8325,
101.5170

■ 55.0674, 50.8325,
101.5170

396.2996,
389.9127, 586.3336

■ 39.6897, 36.0753,
76.9441

■ 96.7874, 91.4071,
165.3104

■ 27.4799, 24.4924,
56.6957

123.8605,
117.9934, 205.3679

■ 18.0724, 15.6993,
40.3533

155.5628,
149.2914, 251.4241

■ 11.1020, 9.3116,
27.4982

192.2597,
185.6857, 303.8975

■ 6.2033, 4.9450,
17.7120

234.3164,
227.5605, 363.2066

■ 3.0109, 2.2150,
10.5761

282.0984,

■ 1.1595, 0.7282,

275.3004, 429.7699

5.6720

335.9710,
329.2896, 504.0061

■ 0.0741, 0.0000,
2.5811

■ 0.0000, 0.0000,
0.8827

■ 55.0674, 50.8325,
101.5170

■ 55.0674, 50.8325,
101.5170

■ 45.0768, 38.6776,
99.6975

■ 66.9453, 65.3712,
103.6972

■ 36.8717, 28.7737,
98.2183

■ 80.7961, 82.4054,
106.2552

■ 30.3479, 20.9839,
97.0585

95.0500, 100.0000,
108.9000

■ 25.3882, 15.1540,
96.1946

■ 21.8605, 11.1086,
95.5997

■ 19.6106, 8.6411,
95.2420

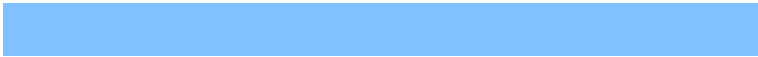
■ 18.4300, 7.4562,
95.0756

■ 18.3524, 7.3759,
95.0642

Harmonies

Analogous

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



47.4192, 50.8325, 108.0444



55.0674, 50.8325, 101.5170



61.4423, 50.8325, 81.6451

Triad

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



55.0674, 50.8325, 101.5170



56.7881, 50.8325, 27.4398



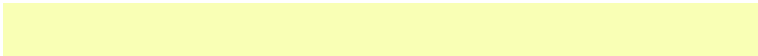
35.2318, 50.8325, 52.8070

Complementary

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



55.0674, 50.8325, 101.5170



83.1679, 94.9961, 57.6707

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.



37.2044, 50.8325, 35.4073



55.0674, 50.8325, 101.5170



49.2215, 50.8325, 23.3705

Square

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



55.0674, 50.8325, 101.5170



62.5062, 50.8325, 38.8309



42.1380, 50.8325, 25.8547



36.4524, 50.8325, 75.9883

Rectangle

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



55.0674, 50.8325, 101.5170



63.8371, 50.8325, 65.6745



42.1380, 50.8325, 25.8547



35.5377, 50.8325, 46.1649

Sweetspot

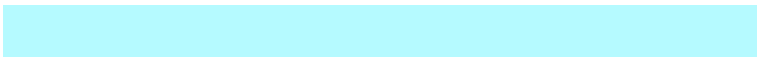
The Sweet Spot groups the original color and five complimentary colors.



55.0690, 50.8344, 101.5173



80.8231, 82.4387, 106.2602



71.3133, 85.4570, 107.3440



16.8410, 17.0805, 22.6592



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.



55.0690, 50.8344, 101.5173



48.8714, 43.2843, 100.3867



64.9860, 55.9469, 101.9814



17.1395, 17.4481, 22.7144



9.6369, 3.8785, 49.6753



0.9830, 0.4007, 4.8388

Inverse Universe

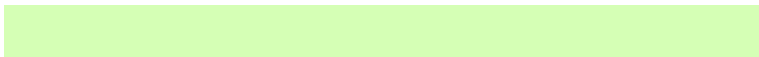
The Inverse Universe completely reimagines the original color for something new.



74.8635, 61.1488, 97.4799



71.7374, 55.2043, 95.4891



71.5614, 89.0128, 57.1275



18.7254, 18.2735, 22.4370



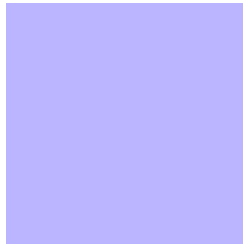
29.3599, 14.2332, 42.1410



2.8767, 1.3931, 4.1982

Previews

White Background



This preview shows how the XYZ color 55.0674, 50.8325, 101.5170 looks on a white background.

Color Contrast Check

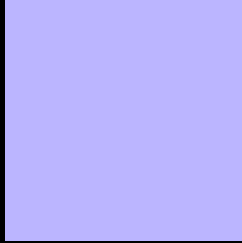
Large Text (above 18pt) WCAG AA × Fail

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 55.0674, 50.8325, 101.5170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

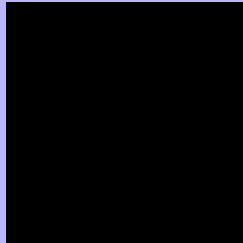
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0674, 50.8325, 101.5170

Background



This preview shows how black text looks on a background with the XYZ color 55.0674, 50.8325, 101.5170.



This preview shows how white text looks on a background with the XYZ color 55.0674, 50.8325,

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

55.0674, 50.8325, 101.5170

Protanopia

51.9711, 50.7728, 101.6687

Deuteranopia

52.2429, 50.9315, 100.8432



Tritanopia

47.6855, 50.6303, 65.6518

Trichromacy



Original Color

55.0674, 50.8325, 101.5170

Protanomaly

53.0950, 50.7311, 101.6014

Deuteranomaly

53.1613, 50.7838, 100.7663

Tritanomaly

50.2809, 50.7462, 77.6659

Monochromacy



Original Color

55.0674, 50.8325, 101.5170

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.1431, 51.3428, 70.8330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0674, 50.8325, 101.5170 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(187, 181, 255)` looks like.

```
.text, #text, p{  
    color:rgb(187, 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(187, 181, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 181, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.0674, 50.8325, 101.5170 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(187, 181, 255) }
```


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

```
.border{ border-color:rgb(187, 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(187, 181, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 181, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 181, 255);  
box-shadow:4px 4px 4px 4px rgb(187, 181,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0674, 50.8325, 101.5170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 181, 255) }
```

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

```
.background{ background-color: rgb(187,  
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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