

Converting Colors

XYZ(55.3699, 52.0201,
101.3839)

Have a look what the booklet for
XYZ(55.3699, 52.0201, 101.3839)
contains.

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Color

**XYZ(55.4402, 51.9401,
101.7112)**

Conversions

Conversions Part 1

Format	Color
Hex	BAB8FF
RGB	186, 184, 255
RGB Percent	73%, 72%, 100%
CMY	0.2706, 0.2784, 0.0000
CMYK	0.27, 0.28, 0.00, 0.00
HSL	242°, 100%, 86%
HSV	242°, 28%, 100%
XYZ	55.4402, 51.9401, 101.7112
YIQ	192.6920, -21.5990, 22.5050

Conversions

Conversions Part 2

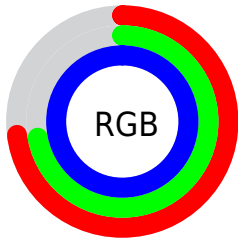
Format	Color
RYB	186, 184, 255
Decimal	12237055
CIELab	77.25, 15.85, -34.74
CIElCh	77, 38.185, 294.520
Yxy	51.9401, 0.2651, 0.2484
Android (android.graphics.Color)	4290427135 (0xFFBAB8FF)
YUV	192.6920, 30.7178, -5.8689
Hunter-Lab	72.0695, 11.1914, -33.2270

Details

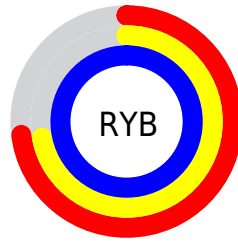
The XYZ color **55.4402, 51.9401, 101.7112** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.9204, 95.8636, 59.3773**, and the grayscale version is **50.3438, 52.9656, 57.6795**.

A 20% lighter version of the original color is **86.1722, 88.5949, 107.1665**, and **27.6694, 25.1351, 56.8193** is the 20% darker color. If you saturate the color by 10%, you get **45.1056, 39.4460, 99.8443**, and if you desaturate by 10%, it is **67.7767, 66.8857, 103.9458**.

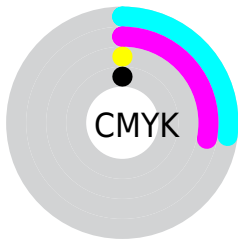
Distribution



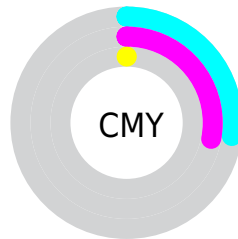
- Red (73%)
- Green (72%)
- Blue (100%)



- Red (73%)
- Yellow (72%)
- Blue (100%)



- Cyan (27%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4402, 51.9401, 101.7112 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 55.4402, 51.9401, 101.7112 by changing the saturation by 10% instead.

■ 55.4402, 51.9401,
101.7112

■ 55.4402, 51.9401,
101.7112

397.6877,
394.2053, 586.9586

■ 39.9895, 36.9573,
77.1056

■ 97.3302, 93.0429,
165.5791

■ 27.7145, 25.1745,
56.8274

124.5002,
119.9317, 205.6785

■ 18.2499, 16.2071,
40.4583

156.3073,
151.5580, 251.7795

■ 11.2304, 9.6708,
27.5795

193.1170,
188.3062, 304.3008

■ 6.2904, 5.1812,
17.7727

235.2945,
230.5606, 363.6608

■ 3.0648, 2.3540,
10.6192

283.2052,

■ 1.1881, 0.8021,

278.7056, 430.2780

5.7004

337.2145,
333.1258, 504.5711

■ 0.0970, 0.0000,
2.5980

■ 0.0000, 0.0000,
0.8914

■ 55.4402, 51.9401,
101.7112

■ 55.4402, 51.9401,
101.7112

■ 45.1056, 39.4460,
99.8443

■ 67.7767, 66.8857,
103.9458

■ 36.6629, 29.2672,
98.3245

■ 82.2079, 84.3977,
106.5653

■ 29.9990, 21.2631,
97.1308

95.0500, 100.0000,
108.9000

■ 24.9865, 15.2754,
96.2393

■ 21.4812, 11.1246,
95.6228

■ 19.3143, 8.5993,
95.2496

■ 18.2689, 7.4215,
95.0774

■ 18.1399, 7.2663,
95.0542

Harmonies

Analogous

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



48.0358, 51.9401, 106.8989



55.4402, 51.9401, 101.7112



61.7349, 51.9401, 83.3164

Triad

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



55.4402, 51.9401, 101.7112



57.9932, 51.9401, 29.6767



36.6439, 51.9401, 52.7919

Complementary

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



55.4402, 51.9401, 101.7112



84.9204, 95.8636, 59.3773

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.



38.7731, 51.9401, 36.2405



55.4402, 51.9401, 101.7112



50.7236, 51.9401, 25.1771

Square

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



55.4402, 51.9401, 101.7112



63.3078, 51.9401, 41.4246



43.7553, 51.9401, 27.2426



37.6403, 51.9401, 74.9803

Rectangle

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



55.4402, 51.9401, 101.7112



64.2073, 51.9401, 68.0060



43.7553, 51.9401, 27.2426



37.0109, 51.9401, 46.4656

Sweetspot

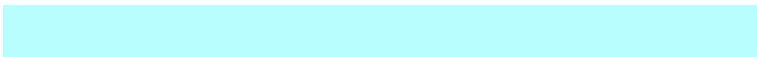
The Sweet Spot groups the original color and five complimentary colors.



55.4418, 51.9421, 101.7115



81.9625, 84.0998, 106.5207



73.2018, 88.1782, 107.7697



17.0503, 17.4021, 22.7103



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.



55.4418, 51.9421, 101.7115



49.8668, 45.1985, 100.7037



64.9143, 56.8254, 102.1548



17.0503, 17.4021, 22.7103



9.4989, 3.8074, 49.6688



0.9408, 0.3789, 4.8368

Inverse Universe

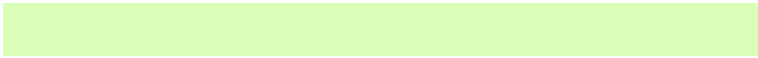
The Inverse Universe completely reimagines the original color for something new.



76.1110, 62.6345, 101.0072



73.4453, 57.3975, 99.8277



73.4210, 89.9355, 58.8391



18.7693, 18.2910, 22.6681



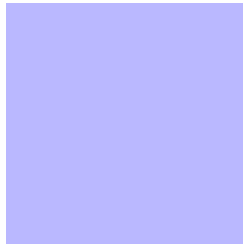
30.3973, 14.6482, 47.6039



2.9664, 1.4289, 4.6704

Previews

White Background



This preview shows how the XYZ color 55.4402, 51.9401, 101.7112 looks on a white background.

Color Contrast Check

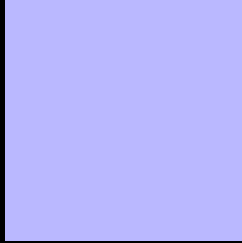
Large Text (above 18pt) WCAG AA × Fail

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 55.4402, 51.9401, 101.7112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

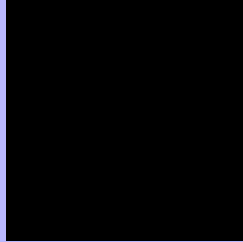
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4402, 51.9401, 101.7112

Background



This preview shows how black text looks on a background with the XYZ color 55.4402, 51.9401, 101.7112.



This preview shows how white text looks on a background with the XYZ color 55.4402, 51.9401,

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

55.4402, 51.9401, 101.7112

Protanopia

53.0465, 51.9571, 101.8406

Deuteranopia

53.3282, 52.1209, 101.0156



Tritanopia

48.5866, 52.0411, 67.1587

Trichromacy



Original Color

55.4402, 51.9401, 101.7112

Protanomaly

53.9518, 52.1078, 101.8220

Deuteranomaly

54.0198, 52.1614, 100.9869

Tritanomaly

50.8265, 51.9665, 78.5858

Monochromacy



Original Color

55.4402, 51.9401, 101.7112

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.0433, 52.7319, 72.4010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4402, 51.9401, 101.7112 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, 184, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 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(186, 184, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 184, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.4402, 51.9401, 101.7112 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, 184, 255) }
```


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

```
.border{ border-color:rgb(186, 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(186, 184, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 184, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 184, 255);  
box-shadow:4px 4px 4px 4px rgb(186, 184,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4402, 51.9401, 101.7112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 184, 255) }
```

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

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