

Converting Colors

XYZ(55.6200, 50.0012,
109.4304)

Have a look what the booklet for
XYZ(55.6200, 50.0012, 109.4304)
contains.

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Color

**XYZ(54.2201, 49.4999,
101.3045)**

Conversions

Conversions Part 1

Format	Color
Hex	BAB2FF
RGB	186, 178, 255
RGB Percent	73%, 70%, 100%
CMY	0.2706, 0.3019, 0.0000
CMYK	0.27, 0.30, 0.00, 0.00
HSL	246°, 100%, 85%
HSV	246°, 30%, 100%
XYZ	54.2201, 49.4999, 101.3045
YIQ	189.1700, -19.9490, 25.6430

Conversions

Conversions Part 2

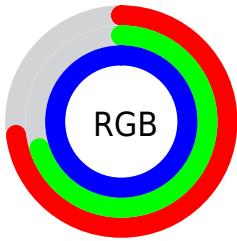
Format	Color
RYB	186, 178, 255
Decimal	12235519
CIELab	75.76, 19.15, -37.04
CIELCh	76, 41.699, 297.346
Yxy	49.4999, 0.2645, 0.2414
Android (android.graphics.Color)	4290425599 (0xFFBAB2FF)
YUV	189.1700, 32.4542, -2.7801
Hunter-Lab	70.3562, 14.4380, -36.1212

Details

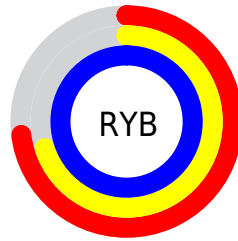
The XYZ color **54.2201, 49.4999, 101.3045** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.1542, 94.5088, 56.0335**, and the grayscale version is **48.2967, 50.8119, 55.3341**.

A 20% lighter version of the original color is **84.4350, 85.1203, 106.5874**, and **26.8867, 23.5697, 56.5584** is the 20% darker color. If you saturate the color by 10%, you get **44.4957, 37.6430, 99.5284**, and if you desaturate by 10%, it is **65.7783, 63.7042, 103.4370**.

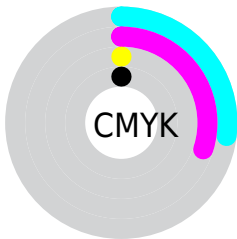
Distribution



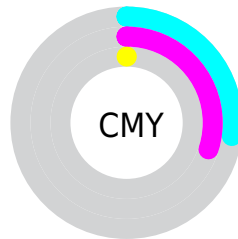
- Red (73%)
- Green (70%)
- Blue (100%)



- Red (73%)
- Yellow (70%)
- Blue (100%)



- Cyan (27%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2201, 49.4999, 101.3045 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 54.2201, 49.4999, 101.3045 by changing the saturation by 10% instead.

■ 54.2201, 49.4999,
101.3045

■ 54.2201, 49.4999,
101.3045

393.1334,
384.7070, 585.6493

■ 39.0090, 35.0162,
76.7675

■ 95.5523, 89.4335,
165.0162

■ 26.9475, 23.6754,
56.5516

122.4042,
115.6521, 205.0280

■ 17.6702, 15.0930,
40.2384

153.8671,
146.5512, 251.0350

■ 10.8117, 8.8847,
27.4093

190.3063,
182.5151, 303.4560

■ 6.0067, 4.6660,
17.6457

232.0871,
223.9283, 362.7094

■ 2.8899, 2.0527,
10.5291

279.5750,

■ 1.0958, 0.6378,

271.1750, 429.2137

5.6410

333.1354,
324.6398, 503.3875

■ 0.0216, 0.0000,
2.5628

■ 0.0000, 0.0000,
0.8732

■ 54.2201, 49.4999,
101.3045

■ 54.2201, 49.4999,
101.3045

■ 44.4957, 37.6430,
99.5284

■ 65.7783, 63.7042,
103.4370

■ 36.5060, 28.0014,
98.0885

■ 79.2532, 80.3671,
105.9430

■ 30.1496, 20.4387,
96.9637

94.7285, 99.5995,
108.8396

■ 25.3126, 14.8010,
96.1305

95.0500, 100.0000,
108.9000

■ 21.8661, 10.9126,
95.5616

■ 19.6595, 8.5659,
95.2250

■ 18.4887, 7.4462,
95.0705

Harmonies

Analogous

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



46.3625, 49.4999, 108.6595



54.2201, 49.4999, 101.3045



60.7216, 49.4999, 80.3162

Triad

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



54.2201, 49.4999, 101.3045



55.5425, 49.4999, 25.3896



33.6942, 49.4999, 51.9478

Complementary

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



54.2201, 49.4999, 101.3045



82.1542, 94.5088, 56.0335

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.



35.5988, 49.4999, 34.0178



54.2201, 49.4999, 101.3045



47.7405, 49.4999, 21.5508

Square

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



54.2201, 49.4999, 101.3045



61.5420, 49.4999, 36.5950



40.5383, 49.4999, 24.2136



35.0298, 49.4999, 75.9393

Rectangle

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



54.2201, 49.4999, 101.3045



63.1119, 49.4999, 63.7819



40.5383, 49.4999, 24.2136



33.9715, 49.4999, 45.0901

Sweetspot

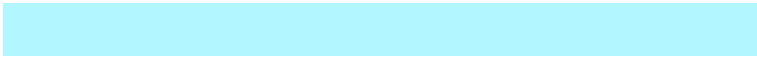
The Sweet Spot groups the original color and five complimentary colors.



54.2216, 49.5018, 101.3048



80.9952, 82.5274, 106.2682



69.7637, 83.3908, 107.0268



16.8830, 17.1021, 22.6612



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.



54.2216, 49.5018, 101.3048



48.3583, 42.3398, 100.2314



64.7741, 54.9418, 101.7986



17.1781, 17.4680, 22.7162



9.7174, 3.9200, 49.6791



1.0012, 0.4101, 4.8397

Inverse Universe

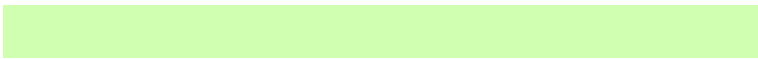
The Inverse Universe completely reimagines the original color for something new.



73.9497, 59.8177, 95.6445



70.9249, 54.1463, 93.4700



70.0348, 88.2610, 55.4663



18.7065, 18.2659, 22.3378



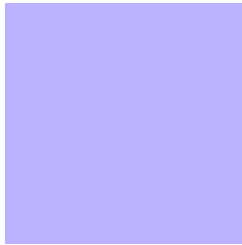
28.9358, 14.0636, 39.9078



2.8398, 1.3783, 4.0039

Previews

White Background



This preview shows how the XYZ color 54.2201, 49.4999, 101.3045 looks on a white background.

Color Contrast Check

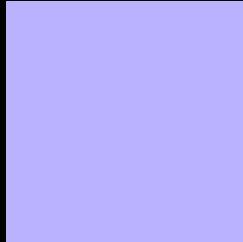
Large Text (above 18pt) WCAG AA × Fail

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 54.2201, 49.4999, 101.3045 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 54.2201, 49.4999, 101.3045

Background



This preview shows how black text looks on a background with the XYZ color 54.2201, 49.4999, 101.3045.

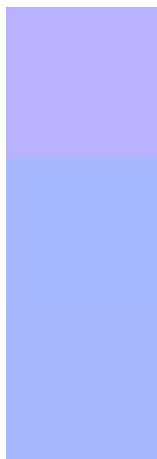


This preview shows how white text looks on a background with the XYZ color 54.2201, 49.4999,

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

54.2201, 49.4999, 101.3045

Protanopia

50.9164, 49.6080, 101.4995

Deuteranopia

50.9662, 49.6522, 100.6636



Tritanopia

46.6672, 49.5083, 63.5964

Trichromacy



Original Color

54.2201, 49.4999, 101.3045

Protanomaly

52.0115, 49.5601, 101.4325

Deuteranomaly

52.0729, 49.6103, 100.5971

Tritanomaly

49.1477, 49.2582, 76.0247

Monochromacy



Original Color

54.2201, 49.4999, 101.3045

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.0982, 50.1934, 69.9986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2201, 49.4999, 101.3045 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, 178, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 178, 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, 178, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 178, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.2201, 49.4999, 101.3045 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, 178, 255) }
```


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

```
.border{ border-color:rgb(186, 178, 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, 178, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 178, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 178, 255);  
box-shadow:4px 4px 4px 4px rgb(186, 178,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2201, 49.4999, 101.3045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 178, 255) }
```

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

```
.background{ background-color: rgb(186,  
178, 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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