

Converting Colors

XYZ(54.0995, 50.2465, 99.5997)

Have a look what the booklet for
XYZ(54.0995, 50.2465, 99.5997)
contains.

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Color

**XYZ(54.2611, 50.4539,
99.8072)**

Conversions

Conversions Part 1

Format	Color
Hex	B9B5FD
RGB	185, 181, 253
RGB Percent	73%, 71%, 99%
CMY	0.2745, 0.2902, 0.0078
CMYK	0.27, 0.28, 0.00, 0.01
HSL	243°, 95%, 85%
HSV	243°, 28%, 99%
XYZ	54.2611, 50.4539, 99.8072
YIQ	190.4040, -20.7280, 23.2400

Conversions

Conversions Part 2

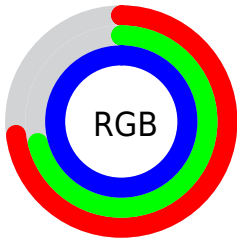
Format	Color
RYB	185, 181, 253
Decimal	12170749
CIELab	76.35, 16.73, -35.06
CIELCh	76, 38.851, 295.514
Yxy	50.4539, 0.2653, 0.2467
Android (android.graphics.Color)	4290360829 (0xFFB9B5FD)
YUV	190.4040, 30.8598, -4.7393
Hunter-Lab	71.0309, 12.0535, -33.5881

Details

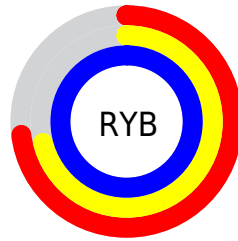
The XYZ color **54.2611, 50.4539, 99.8072** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.5339, 93.7276, 57.4593**, and the grayscale version is **49.0140, 51.5665, 56.1559**.

A 20% lighter version of the original color is **84.9521, 86.6656, 106.8584**, and **26.8889, 24.1697, 55.4726** is the 20% darker color. If you saturate the color by 10%, you get **44.2884, 38.3579, 97.9989**, and if you desaturate by 10%, it is **66.1399, 64.9214, 101.9745**.

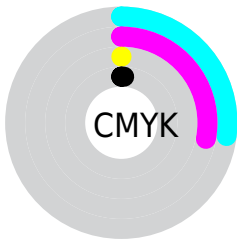
Distribution



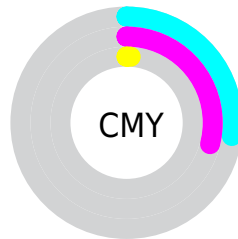
- Red (73%)
- Green (71%)
- Blue (99%)



- Red (73%)
- Yellow (71%)
- Blue (99%)



- Cyan (27%)
- Magenta (28%)
- Yellow (0%)
- Black (1%)



- Cyan (27%)
- Magenta (29%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2611, 50.4539, 99.8072 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 54.2611, 50.4539, 99.8072 by changing the saturation by 10% instead.

■ 54.2611, 50.4539,
99.8072

■ 54.2611, 50.4539,
99.8072

393.2870,
388.4383, 580.8158

■ 39.0419, 35.7742,
75.5235

■ 95.6122, 90.8470,
162.9418

■ 26.9732, 24.2598,
55.5376

122.4748,
117.3292, 202.6298

■ 17.6896, 15.5265,
39.4308

153.9492,
148.5144, 248.2896

■ 10.8257, 9.1897,
26.7846

190.4009,
184.7869, 300.3399

■ 6.0162, 4.8651,
17.1805

232.1952,
226.5312, 359.1991

■ 2.8957, 2.1683,
10.2000

279.6974,

■ 1.0988, 0.7027,

274.1316, 425.2858

5.4244

333.2729,
327.9725, 499.0185

■ 0.0241, 0.0000,
2.4353

■ 0.0000, 0.0000,
0.8056

■ 54.2611, 50.4539,
99.8072

■ 54.2611, 50.4539,
99.8072

■ 44.2884, 38.3579,
97.9989

■ 66.1399, 64.9214,
101.9745

■ 36.1178, 28.5012,
96.5270

■ 80.0116, 81.8712,
104.5150

■ 29.6431, 20.7481,
95.3718

94.7298, 99.8719,
107.2138

■ 24.7448, 14.9454,
94.5099

■ 21.2877, 10.9193,
93.9150

■ 19.1141, 8.4652,
93.5559

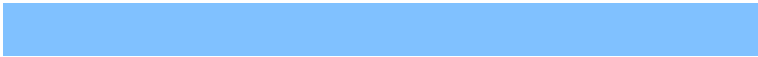
■ 18.0168, 7.3028,
93.3893

■ 17.9117, 7.1857,
93.3723

Harmonies

Analogous

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



46.8651, 50.4539, 105.5707



54.2611, 50.4539, 99.8072



60.4852, 50.4539, 80.9958

Triad

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



54.2611, 50.4539, 99.8072



56.3528, 50.4539, 28.0081



35.2741, 50.4539, 51.8503

Complementary

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



54.2611, 50.4539, 99.8072



82.5339, 93.7276, 57.4593

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.



37.2869, 50.4539, 35.1672



54.2611, 50.4539, 99.8072



49.0615, 50.4539, 23.8062

Square

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



54.2611, 50.4539, 99.8072



61.7763, 50.4539, 39.3706



42.1573, 50.4539, 26.0485



36.3660, 50.4539, 74.1421

Rectangle

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



54.2611, 50.4539, 99.8072



62.8756, 50.4539, 65.6213



42.1573, 50.4539, 26.0485



35.6038, 50.4539, 45.4781

Sweetspot

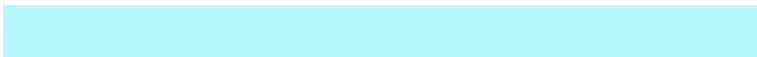
The Sweet Spot groups the original color and five complimentary colors.



54.2628, 50.4559, 99.8084



80.6311, 82.3398, 106.2512



70.7865, 84.9158, 105.5889



16.7942, 17.0564, 22.6570



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.



54.2628, 50.4559, 99.8084



49.3674, 44.2337, 100.5437



63.9523, 55.4510, 100.2618



17.0964, 17.4259, 22.7124



9.5646, 3.8412, 49.6719



0.9626, 0.3902, 4.8378

Inverse Universe

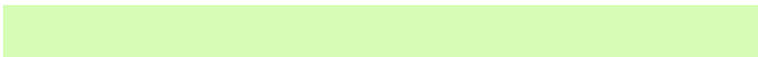
The Inverse Universe completely reimagines the original color for something new.



74.1321, 60.7718, 97.4467



72.5822, 56.2898, 97.6331



71.0240, 87.7940, 56.9207



18.7465, 18.2819, 22.5483



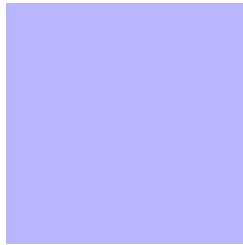
29.8509, 14.4297, 44.7270



2.9193, 1.4101, 4.4222

Previews

White Background



This preview shows how the XYZ color 54.2611, 50.4539, 99.8072 looks on a white background.

Color Contrast Check

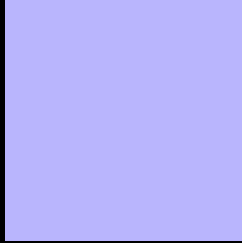
Large Text (above 18pt) WCAG AA × Fail

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 54.2611, 50.4539, 99.8072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

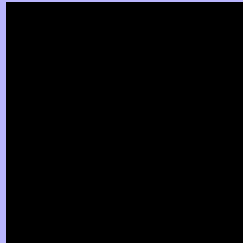
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.2611, 50.4539, 99.8072

Background



This preview shows how black text looks on a background with the XYZ color 54.2611, 50.4539, 99.8072.



This preview shows how white text looks on a background with the XYZ color 54.2611, 50.4539,

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

54.2611, 50.4539, 99.8072

Protanopia

51.7574, 50.6626, 101.6587

Deuteranopia

51.7142, 50.3841, 99.0949



Tritanopia

47.3374, 50.4648, 65.0033

Trichromacy



Original Color

54.2611, 50.4539, 99.8072

Protanomaly

52.4854, 50.4354, 100.7347

Deuteranomaly

52.6157, 50.5394, 99.0774

Tritanomaly

49.5455, 50.3983, 76.2238

Monochromacy



Original Color

54.2611, 50.4539, 99.8072

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.5196, 51.0361, 70.1391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2611, 50.4539, 99.8072 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(185, 181, 253)` looks like.

```
.text, #text, p{  
    color:rgb(185, 181, 253)  
}
```

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(185, 181, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 181, 253) }
```

Border

The CSS property to change the border of an element to XYZ 54.2611, 50.4539, 99.8072 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(185, 181, 253) }
```


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

```
.border{ border-color:rgb(185, 181, 253) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(185, 181, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 181, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 181, 253);  
box-shadow:4px 4px 4px 4px rgb(185, 181,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2611, 50.4539, 99.8072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 181, 253) }
```

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

```
.background{ background-color: rgb(185,  
181, 253) }
```

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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