

Converting Colors

XYZ(53.9858, 47.9918, 98.4894)

Have a look what the booklet for
XYZ(53.9858, 47.9918, 98.4894)
contains.

| | |
|--|----|
| XYZ(54.0001, 47.9918, 98.5127) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(54.0001, 47.9918,
98.5127)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BFADFC |
| RGB | 191, 173, 252 |
| RGB Percent | 75%, 68%, 99% |
| CMY | 0.2510, 0.3216, 0.0118 |
| CMYK | 0.24, 0.31, 0.00, 0.01 |
| HSL | 254°, 93%, 83% |
| HSV | 254°, 31%, 99% |
| XYZ | 54.0001, 47.9918, 98.5127 |
| YIQ | 187.3880, -14.6310, 28.3850 |

Conversions

Conversions Part 2

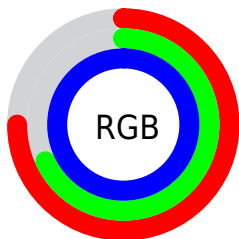
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 191, 173, 252 |
| Decimal | 12561916 |
| CIE _{Lab} | 74.82, 22.65, -36.85 |
| CIE _{LCh} | 75, 43.257, 301.578 |
| Yxy | 47.9918, 0.2693, 0.2394 |
| Android (android.graphics.Color) | 4290751996 (0xFFBFADFC) |
| YUV | 187.3880, 31.8537, 3.1677 |
| Hunter-Lab | 69.2761, 17.9059, -35.8189 |

Details

The XYZ color **54.0001, 47.9918, 98.5127** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **76.2863, 90.1315, 52.9135**, and the grayscale version is **47.2861, 49.7487, 54.1763**.

A 20% lighter version of the original color is **84.7807, 83.2151, 106.2014**, and **26.8410, 22.8491, 54.6254** is the 20% darker color. If you saturate the color by 10%, you get **45.0434, 36.8658, 96.8381**, and if you desaturate by 10%, it is **64.5215, 61.2793, 100.5237**.

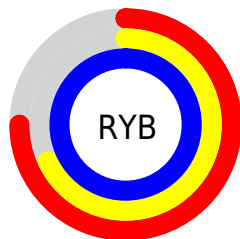
Distribution



Red (75%)

Green (68%)

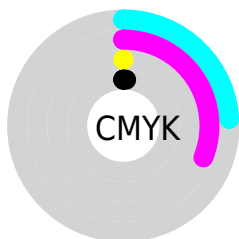
Blue (99%)



Red (75%)

Yellow (68%)

Blue (99%)

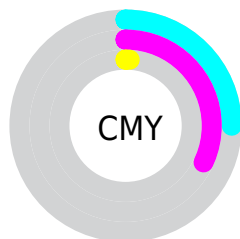


Cyan (24%)

Magenta (31%)

Yellow (0%)

Black (1%)



Cyan (25%)

Magenta (32%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0001, 47.9918, 98.5127 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 54.0001, 47.9918, 98.5127 by changing the saturation by 10% instead.

■ 54.0001, 47.9918,
98.5127

■ 54.0001, 47.9918,
98.5127

392.3087,
378.7596, 576.6195

■ 38.8324, 33.8204,
74.4491

■ 95.2313, 87.1922,
161.1458

■ 26.8095, 22.7557,
54.6627

122.0255,
112.9900, 200.5523

■ 17.5661, 14.4132,
38.7349

153.4259,
143.4320, 245.9103

■ 10.7367, 8.4086,
26.2473

189.7979,
178.9027, 297.6381

■ 5.9560, 4.3575,
16.7813

231.5068,
219.7864, 356.1544

■ 2.8588, 1.8755,
9.9184

278.9180,

■ 1.0795, 0.5336,

266.4675, 421.8777

5.2400

332.3969,
319.3304, 495.2266

■ 0.0079, 0.0000,
2.3276

■ 0.0000, 0.0000,
0.7466

■ 54.0001, 47.9918,
98.5127

■ 54.0001, 47.9918,
98.5127

■ 45.0434, 36.8658,
96.8381

■ 64.5215, 61.2793,
100.5237

■ 37.5697, 27.7798,
95.4782

■ 76.6740, 76.8296,
102.8847

■ 31.4971, 20.6088,
94.4141

■ 90.5262, 94.7446,
105.6126

■ 26.7332, 15.2114,
93.6234

■ 94.5708, 99.8083,
106.3768

■ 23.1740, 11.4261,
93.0803

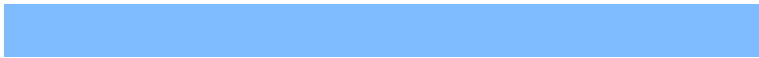
■ 20.6975, 9.0605,
92.7543

■ 19.2820, 7.9105,
92.6069

Harmonies

Analogous

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



46.0324, 47.9918, 108.5992



54.0001, 47.9918, 98.5127



60.2476, 47.9918, 75.6962

Triad

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



54.0001, 47.9918, 98.5127



53.1971, 47.9918, 22.6725



32.1074, 47.9918, 53.4563

Complementary

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



54.0001, 47.9918, 98.5127



76.2863, 90.1315, 52.9135

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.



33.5667, 47.9918, 34.2341



54.0001, 47.9918, 98.5127



45.1997, 47.9918, 19.8190

Square

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



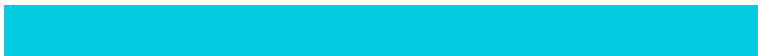
54.0001, 47.9918, 98.5127



59.7478, 47.9918, 32.6998



38.1458, 47.9918, 23.3627



33.9072, 47.9918, 78.3711

Rectangle

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



54.0001, 47.9918, 98.5127



62.2676, 47.9918, 58.8580



38.1458, 47.9918, 23.3627



32.2321, 47.9918, 46.1651

Sweetspot

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



54.0017, 47.9937, 98.5138



81.9390, 83.0140, 106.3124



64.4807, 75.2638, 103.2252



17.1136, 17.2210, 22.6720



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.



54.0017, 47.9937, 98.5138



49.1578, 41.4325, 100.0141



65.0260, 53.6769, 99.0297



16.6530, 16.8337, 21.7568



10.1488, 4.1746, 48.2444



1.0279, 0.4320, 4.4724

Inverse Universe

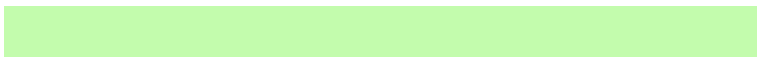
The Inverse Universe completely reimagines the original color for something new.



69.9411, 56.5249, 85.0675



68.1808, 51.6266, 83.4038



64.9596, 84.2924, 52.3835



17.8139, 17.4529, 20.8757



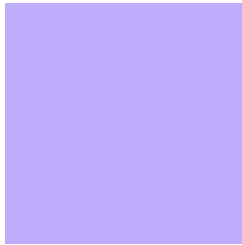
26.0774, 12.8467, 28.1796



2.4551, 1.2058, 2.8198

Previews

White Background



This preview shows how the XYZ color 54.0001, 47.9918, 98.5127 looks on a white background.

Color Contrast Check

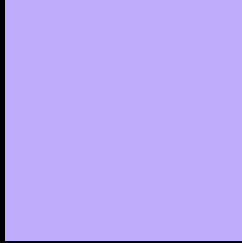
Large Text (above 18pt) WCAG AA × Fail

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 54.0001, 47.9918, 98.5127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

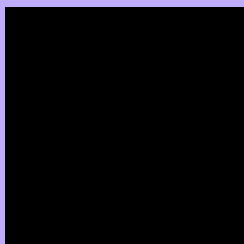
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.0001, 47.9918, 98.5127

Background



This preview shows how black text looks on a background with the XYZ color 54.0001, 47.9918, 98.5127.



This preview shows how white text looks on a background with the XYZ color 54.0001, 47.9918,

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

54.0001, 47.9918, 98.5127

Protanopia

49.6782, 48.3573, 101.3233

Deuteranopia

49.5003, 48.3574, 97.1674



Tritanopia

46.3896, 48.1820, 60.2811

Trichromacy



Original Color

54.0001, 47.9918, 98.5127

Protanomaly

51.2431, 48.2802, 100.3841

Deuteranomaly

50.9882, 48.2039, 97.8837

Tritanomaly

48.9837, 48.0188, 73.0165

Monochromacy



Original Color

54.0001, 47.9918, 98.5127

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

49.2249, 48.8504, 68.4627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0001, 47.9918, 98.5127 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(191, 173, 252)` looks like.

```
.text, #text, p{  
    color:rgb(191, 173, 252)  
}
```

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(191, 173, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 173, 252) }
```

Border

The CSS property to change the border of an element to XYZ 54.0001, 47.9918, 98.5127 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(191, 173, 252) }
```


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

```
.border{ border-color:rgb(191, 173, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 173, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 173, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 173, 252); box-shadow:4px 4px 4px 4px rgb(191, 173, 252) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0001, 47.9918, 98.5127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 173, 252) }
```

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

```
.background{ background-color: rgb(191,  
173, 252) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor