

Converting Colors

XYZ(54.0959, 48.0577,
101.0326)

Have a look what the booklet for
XYZ(54.0959, 48.0577, 101.0326)
contains.

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Color

**XYZ(53.9798, 47.9260,
101.0133)**

Conversions

Conversions Part 1

Format	Color
Hex	BDADFF
RGB	189, 173, 255
RGB Percent	74%, 68%, 100%
CMY	0.2588, 0.3216, 0.0000
CMYK	0.26, 0.32, 0.00, 0.00
HSL	252°, 100%, 84%
HSV	252°, 32%, 100%
XYZ	53.9798, 47.9260, 101.0133
YIQ	187.1320, -16.7860, 28.8940

Conversions

Conversions Part 2

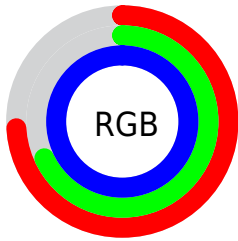
Format	Color
RYB	189, 173, 255
Decimal	12430847
CIELab	74.78, 22.78, -38.55
CIELCh	75, 44.774, 300.581
Yxy	47.9260, 0.2660, 0.2362
Android (android.graphics.Color)	4290620927 (0xFFBDADFF)
YUV	187.1320, 33.4589, 1.6382
Hunter-Lab	69.2286, 18.0322, -38.0516

Details

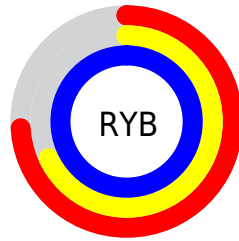
The XYZ color **53.9798, 47.9260, 101.0133** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **78.9002, 92.8882, 53.3079**, and the grayscale version is **47.1338, 49.5885, 54.0018**.

A 20% lighter version of the original color is **83.7994, 82.2996, 106.0765**, and **26.8619, 22.8203, 56.4151** is the 20% darker color. If you saturate the color by 10%, you get **44.8128, 36.6219, 99.3146**, and if you desaturate by 10%, it is **64.8034, 61.4713, 103.0574**.

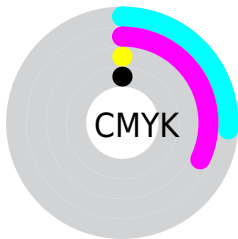
Distribution



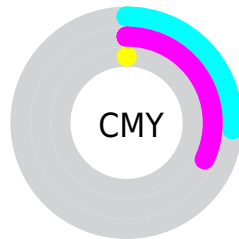
- Red (74%)
- Green (68%)
- Blue (100%)



- Red (74%)
- Yellow (68%)
- Blue (100%)



- Cyan (26%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9798, 47.9260, 101.0133 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 53.9798, 47.9260, 101.0133 by changing the saturation by 10% instead.

■ 53.9798, 47.9260,
101.0133

■ 53.9798, 47.9260,
101.0133

392.2326,
378.4987, 584.7109

■ 38.8161, 33.7683,
76.5255

■ 95.2017, 87.0942,
164.6130

■ 26.7968, 22.7156,
56.3543

121.9905,
112.8735, 204.5619

■ 17.5565, 14.3837,
40.0811

153.3852,
143.2955, 250.5017

■ 10.7298, 8.3880,
27.2875

189.7510,
178.7444, 302.8507

■ 5.9514, 4.3442,
17.5549

231.4533,
219.6049, 362.0276

■ 2.8559, 1.8679,
10.4648

278.8574,

■ 1.0780, 0.5290,

266.2611, 428.4509

5.5986

332.3287,
319.0976, 502.5392

■ 0.0066, 0.0000,
2.5378

■ 0.0000, 0.0000,
0.8601

■ 53.9798, 47.9260,
101.0133

■ 53.9798, 47.9260,
101.0133

■ 44.8128, 36.6219,
99.3146

■ 64.8034, 61.4713,
103.0574

■ 37.2144, 27.4316,
97.9412

■ 77.3565, 77.3650,
105.4636

■ 31.0955, 20.2231,
96.8723

■ 91.7128, 95.7139,
108.2486

■ 26.3555, 14.8469,
96.0844

95.0500, 100.0000,
108.9000

■ 22.8806, 11.1320,
95.5505

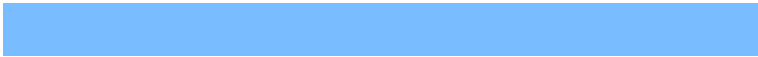
■ 20.5373, 8.8737,
95.2381

■ 19.3534, 7.8919,
95.1110

Harmonies

Analogous

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



45.7109, 47.9260, 110.9963



53.9798, 47.9260, 101.0133



60.5757, 47.9260, 77.4169

Triad

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



53.9798, 47.9260, 101.0133



53.6730, 47.9260, 22.0872



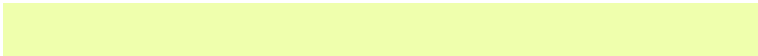
31.6367, 47.9260, 52.6384

Complementary

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



53.9798, 47.9260, 101.0133



78.9002, 92.8882, 53.3079

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.



33.2439, 47.9260, 33.1317



53.9798, 47.9260, 101.0133



45.3939, 47.9260, 18.9901

Square

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



53.9798, 47.9260, 101.0133



60.3843, 47.9260, 32.5545



38.0509, 47.9260, 22.3440



33.3725, 47.9260, 78.4439

Rectangle

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



53.9798, 47.9260, 101.0133



62.7856, 47.9260, 59.8611



38.0509, 47.9260, 22.3440



31.8017, 47.9260, 45.1917

Sweetspot

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



53.9813, 47.9278, 101.0136



80.2959, 81.1087, 106.0312



66.4349, 78.4057, 106.2401



16.7743, 16.8353, 22.6154



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.



53.9813, 47.9278, 101.0136



47.5321, 39.9549, 99.8146



65.3185, 53.7723, 101.5442



17.3338, 17.5483, 22.7235



10.2059, 4.1718, 49.7019



1.0761, 0.4487, 4.8432

Inverse Universe

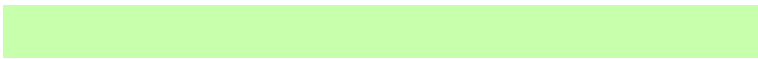
The Inverse Universe completely reimagines the original color for something new.



71.7645, 57.3807, 88.9554



68.1347, 50.9188, 85.2863



66.8483, 86.6752, 52.7439



18.6318, 18.2360, 21.9440



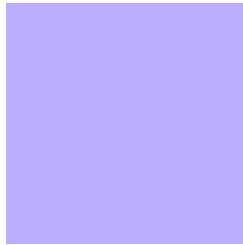
27.3760, 13.4397, 31.6941



2.7026, 1.3234, 3.2811

Previews

White Background



This preview shows how the XYZ color 53.9798, 47.9260, 101.0133 looks on a white background.

Color Contrast Check

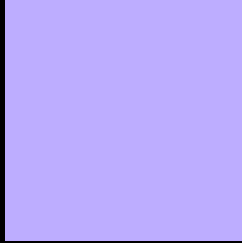
Large Text (above 18pt) WCAG AA × Fail

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 53.9798, 47.9260, 101.0133 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 53.9798, 47.9260, 101.0133

Background



This preview shows how black text looks on a background with the XYZ color 53.9798, 47.9260, 101.0133.



This preview shows how white text looks on a background with the XYZ color 53.9798, 47.9260,

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

53.9798, 47.9260, 101.0133

Protanopia

49.4759, 48.2530, 101.3138

Deuteranopia

49.3579, 48.2291, 99.6362



Tritanopia

45.8094, 47.8695, 60.8581

Trichromacy



Original Color

53.9798, 47.9260, 101.0133

Protanomaly

50.9647, 48.1181, 101.2093

Deuteranomaly

51.0227, 48.1666, 100.3738

Tritanomaly

48.3988, 47.7021, 73.6744

Monochromacy



Original Color

53.9798, 47.9260, 101.0133

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

49.3507, 48.9007, 69.1251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9798, 47.9260, 101.0133 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(189, 173, 255)` looks like.

```
.text, #text, p{  
    color:rgb(189, 173, 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(189, 173, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 173, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.9798, 47.9260, 101.0133 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(189, 173, 255) }
```


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

```
.border{ border-color:rgb(189, 173, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 173, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 173, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 173, 255);  
box-shadow:4px 4px 4px 4px rgb(189, 173,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9798, 47.9260, 101.0133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 173, 255) }
```

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

```
.background{ background-color: rgb(189,  
173, 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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