

Converting Colors

XYZ(62.3484, 51.1919,
143.3089)

Have a look what the booklet for
XYZ(62.3484, 51.1919, 143.3089)
contains.

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Color

**XYZ(54.4794, 48.1835,
101.0367)**

Conversions

Conversions Part 1

Format	Color
Hex	BFADFF
RGB	191, 173, 255
RGB Percent	75%, 68%, 100%
CMY	0.2510, 0.3216, 0.0000
CMYK	0.25, 0.32, 0.00, 0.00
HSL	253°, 100%, 84%
HSV	253°, 32%, 100%
XYZ	54.4794, 48.1835, 101.0367
YIQ	187.7300, -15.5940, 29.3180

Conversions

Conversions Part 2

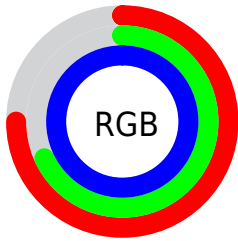
Format	Color
RYB	191, 173, 255
Decimal	12561919
CIELab	74.94, 23.35, -38.28
CIELCh	75, 44.842, 301.384
Yxy	48.1835, 0.2674, 0.2365
Android (android.graphics.Color)	4290751999 (0xFFBFADFF)
YUV	187.7300, 33.1641, 2.8678
Hunter-Lab	69.4143, 18.6195, -37.7101

Details

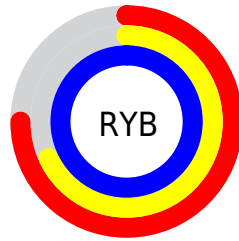
The XYZ color **54.4794, 48.1835, 101.0367** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **78.2285, 92.5419, 53.2764**, and the grayscale version is **47.4724, 49.9447, 54.3898**.

A 20% lighter version of the original color is **85.1362, 83.3984, 106.2181**, and **27.1838, 22.9862, 56.4301** is the 20% darker color. If you saturate the color by 10%, you get **45.3787, 36.9137, 99.3411**, and if you desaturate by 10%, it is **65.1963, 61.6738, 103.0758**.

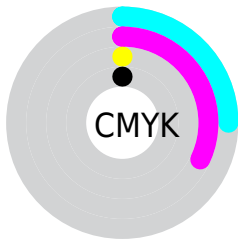
Distribution



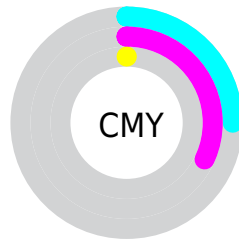
- Red (75%)
- Green (68%)
- Blue (100%)



- Red (75%)
- Yellow (68%)
- Blue (100%)



- Cyan (25%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4794, 48.1835, 101.0367 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 54.4794, 48.1835, 101.0367 by changing the saturation by 10% instead.

■ 54.4794, 48.1835,
101.0367

■ 54.4794, 48.1835,
101.0367

394.1041,
379.5190, 584.7864

■ 39.2173, 33.9722,
76.5449

■ 95.9306, 87.4776,
164.6454

■ 27.1103, 22.8723,
56.3701

122.8503,
113.3291, 204.5994

■ 17.7931, 14.4992,
40.0938

154.3866,
143.8296, 250.5445

■ 10.9003, 8.4687,
27.2973

190.9048,
179.3633, 302.8994

■ 6.0666, 4.3963,
17.5622

232.7703,
220.3147, 362.0824

■ 2.9267, 1.8976,
10.4700

280.3484,

■ 1.1151, 0.5469,

267.0682, 428.5123

5.6020

334.0046,
320.0082, 502.6074

■ 0.0377, 0.0000,
2.5398

■ 0.0000, 0.0000,
0.8611

■ 54.4794, 48.1835,
101.0367

■ 54.4794, 48.1835,
101.0367

■ 45.3787, 36.9137,
99.3411

■ 65.1963, 61.6738,
103.0758

■ 37.8093, 27.7383,
97.9690

■ 77.5997, 77.4903,
105.4749

■ 31.6849, 20.5269,
96.8999

■ 91.7610, 95.7387,
108.2508

■ 26.9086, 15.1320,
96.1103

■ 95.0500, 100.0000,
108.9000

■ 23.3707, 11.3846,
95.5734

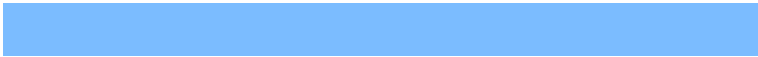
■ 20.9421, 9.0824,
95.2570

■ 19.6795, 8.0601,
95.1263

Harmonies

Analogous

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



46.1777, 48.1835, 111.5556



54.4794, 48.1835, 101.0367



61.0263, 48.1835, 77.1097

Triad

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



54.4794, 48.1835, 101.0367



53.7445, 48.1835, 22.0393



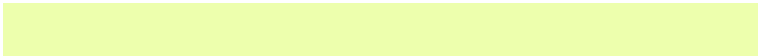
31.8128, 48.1835, 53.5585

Complementary

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



54.4794, 48.1835, 101.0367



78.2285, 92.5419, 53.2764

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.



33.3388, 48.1835, 33.7234



54.4794, 48.1835, 101.0367



45.4184, 48.1835, 19.1036

Square

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



54.4794, 48.1835, 101.0367



60.5677, 48.1835, 32.3401



38.0898, 48.1835, 22.6548



33.6470, 48.1835, 79.5699

Rectangle

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



54.4794, 48.1835, 101.0367



63.1608, 48.1835, 59.5000



38.0898, 48.1835, 22.6548



31.9485, 48.1835, 46.0051

Sweetspot

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



54.4809, 48.1853, 101.0370



80.5010, 81.2145, 106.0408



65.6364, 76.8087, 105.9739



16.8236, 16.8607, 22.6177



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.



54.4809, 48.1853, 101.0370



48.0814, 40.2380, 99.8403



66.1977, 54.2256, 101.5853



17.3758, 17.5699, 22.7255



10.3856, 4.2645, 49.7103



1.0993, 0.4606, 4.8442

Inverse Universe

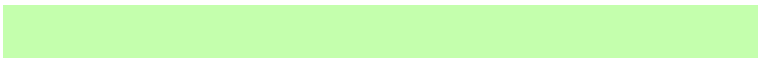
The Inverse Universe completely reimagines the original color for something new.



71.4705, 57.2631, 87.4074



67.7853, 50.7791, 83.4465



66.1296, 86.3047, 52.7102



18.6119, 18.2281, 21.8395



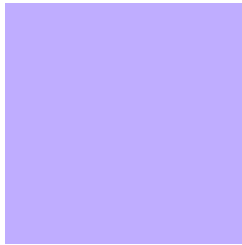
26.9951, 13.2873, 29.6881



2.6686, 1.3098, 3.1023

Previews

White Background



This preview shows how the XYZ color 54.4794, 48.1835, 101.0367 looks on a white background.

Color Contrast Check

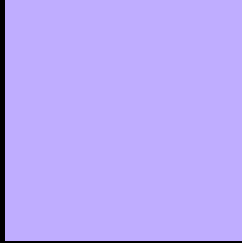
Large Text (above 18pt) WCAG AA × Fail

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 54.4794, 48.1835, 101.0367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

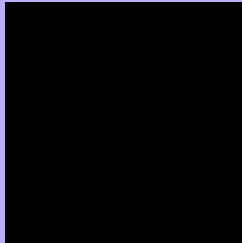
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4794, 48.1835, 101.0367

Background



This preview shows how black text looks on a background with the XYZ color 54.4794, 48.1835, 101.0367.

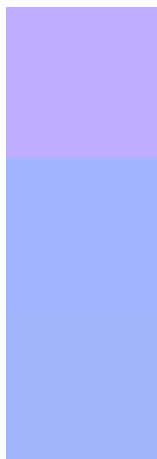


This preview shows how white text looks on a background with the XYZ color 54.4794, 48.1835,

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

54.4794, 48.1835, 101.0367

Protanopia

49.6782, 48.3573, 101.3233

Deuteranopia

49.5618, 48.3343, 99.6458



Tritanopia

46.2717, 48.1078, 60.8798

Trichromacy



Original Color

54.4794, 48.1835, 101.0367

Protanomaly

51.4037, 48.3444, 101.2299

Deuteranomaly

51.2431, 48.2802, 100.3841

Tritanomaly

48.8746, 47.9473, 73.6966

Monochromacy



Original Color

54.4794, 48.1835, 101.0367

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.8034, 49.4393, 69.2052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4794, 48.1835, 101.0367 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 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(191, 173, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 173, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.4794, 48.1835, 101.0367 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, 255) }
```


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

```
.border{ border-color:rgb(191, 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(191, 173, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 173, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 173, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 173,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4794, 48.1835, 101.0367 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, 255) }
```

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

```
.background{ background-color: rgb(191,  
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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