

Converting Colors

XYZ(71.4913, 54.9284,
188.6454)

Have a look what the booklet for
XYZ(71.4913, 54.9284, 188.6454)
contains.

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Color

**XYZ(54.9859, 48.4446,
101.0604)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C1ADFF |
| RGB | 193, 173, 255 |
| RGB Percent | 76%, 68%, 100% |
| CMY | 0.2431, 0.3216, 0.0000 |
| CMYK | 0.24, 0.32, 0.00, 0.00 |
| HSL | 255°, 100%, 84% |
| HSV | 255°, 32%, 100% |
| XYZ | 54.9859, 48.4446, 101.0604 |
| YIQ | 188.3280, -14.4020, 29.7420 |

Conversions

Conversions Part 2

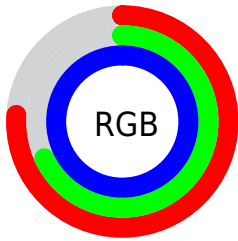
| Format | Color |
|-------------------------------------|--|
| RYB | 193, 173, 255 |
| Decimal | 12692991 |
| CIELab | 75.10, 23.93, -38.01 |
| CIELCh | 75, 44.919, 302.189 |
| Yxy | 48.4446, 0.2689, 0.2369 |
| Android (android.graphics.Color) | 4290883071 (0xFFC1ADFF) |
| YUV | 188.3280, 32.8693, 4.0973 |
| Hunter-Lab | 69.6022, 19.2117, -37.3659 |

Details

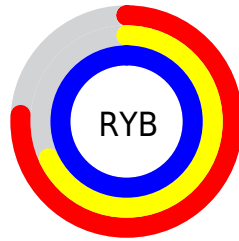
The XYZ color **54.9859, 48.4446, 101.0604** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **77.5644, 92.1996, 53.2453**, and the grayscale version is **47.8125, 50.3025, 54.7794**.

A 20% lighter version of the original color is **85.8530, 83.7679, 106.2516**, and **27.5116, 23.1552, 56.4455** is the 20% darker color. If you saturate the color by 10%, you get **45.9561, 37.2113, 99.3681**, and if you desaturate by 10%, it is **65.5926, 61.8781, 103.0943**.

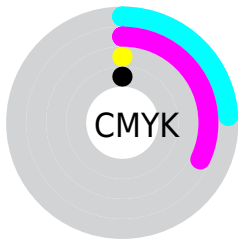
Distribution



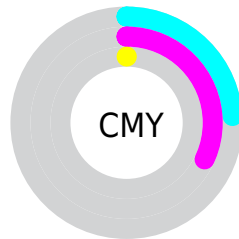
- Red (76%)
- Green (68%)
- Blue (100%)



- Red (76%)
- Yellow (68%)
- Blue (100%)



- Cyan (24%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9859, 48.4446, 101.0604 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 54.9859, 48.4446, 101.0604 by changing the saturation by 10% instead.

■ 54.9859, 48.4446,
101.0604

■ 54.9859, 48.4446,
101.0604

395.9958,
380.5517, 584.8628

■ 39.6242, 34.1791,
76.5646

■ 96.6687, 87.8660,
164.6782

■ 27.4286, 23.0312,
56.3862

123.7206,
113.7907, 204.6373

■ 18.0336, 14.6166,
40.1066

155.3999,
144.3706, 250.5880

■ 11.0740, 8.5507,
27.3072

192.0721,
179.9901, 302.9486

■ 6.1843, 4.4493,
17.5696

234.1024,
221.0335, 362.1379

■ 2.9992, 1.9279,
10.4752

281.8562,

■ 1.1533, 0.5651,

267.8854, 428.5743

5.6054

335.6989,
320.9300, 502.6765

■ 0.0690, 0.0000,
2.5418

■ 0.0000, 0.0000,
0.8622

■ 54.9859, 48.4446,
101.0604

■ 54.9859, 48.4446,
101.0604

■ 45.9561, 37.2113,
99.3681

■ 65.5926, 61.8781,
103.0943

■ 38.4208, 28.0535,
97.9976

■ 77.8440, 77.6163,
105.4864

■ 32.2967, 20.8423,
96.9285

■ 91.8092, 95.7636,
108.2531

■ 27.4902, 15.4318,
96.1375

95.0500, 100.0000,
108.9000

■ 23.8951, 11.6550,
95.5980

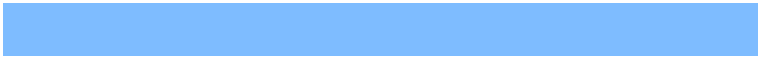
■ 21.3867, 9.3116,
95.2779

■ 20.0489, 8.2505,
95.1435

Harmonies

Analogous

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



46.6514, 48.4446, 112.1198



54.9859, 48.4446, 101.0604



61.4825, 48.4446, 76.8024

Triad

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



54.9859, 48.4446, 101.0604



53.8174, 48.4446, 21.9928



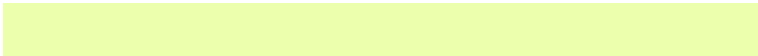
31.9919, 48.4446, 54.4957

Complementary

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



54.9859, 48.4446, 101.0604



77.5644, 92.1996, 53.2453

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.



33.4357, 48.4446, 34.3270



54.9859, 48.4446, 101.0604



45.4441, 48.4446, 19.2196

Square

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



54.9859, 48.4446, 101.0604



60.7535, 48.4446, 32.1270



38.1302, 48.4446, 22.9718



33.9258, 48.4446, 80.7137

Rectangle

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



54.9859, 48.4446, 101.0604



63.5404, 48.4446, 59.1397



38.1302, 48.4446, 22.9718



32.0979, 48.4446, 46.8342

Sweetspot

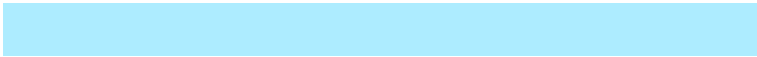
The Sweet Spot groups the original color and five complimentary colors.



54.9874, 48.4465, 101.0607



80.7069, 81.3206, 106.0505



65.2418, 76.0193, 105.8423



16.8731, 16.8862, 22.6200



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.



54.9874, 48.4465, 101.0607



48.6404, 40.5263, 99.8665



66.6425, 54.4549, 101.6061



17.4179, 17.5916, 22.7275



10.5876, 4.3686, 49.7198



1.1244, 0.4736, 4.8454

Inverse Universe

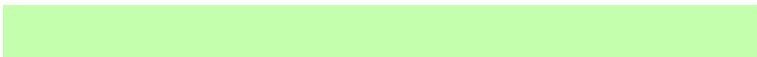
The Inverse Universe completely reimagines the original color for something new.



71.1798, 57.1468, 85.8767



67.4407, 50.6412, 81.6318



65.7752, 86.1220, 52.6936



18.5921, 18.2202, 21.7354



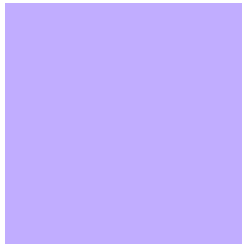
26.6291, 13.1409, 27.7608



2.6358, 1.2967, 2.9295

Previews

White Background



This preview shows how the XYZ color 54.9859, 48.4446, 101.0604 looks on a white background.

Color Contrast Check

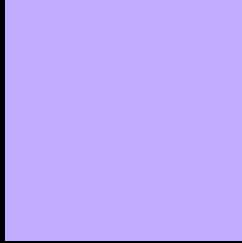
Large Text (above 18pt) WCAG AA × Fail

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 54.9859, 48.4446, 101.0604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

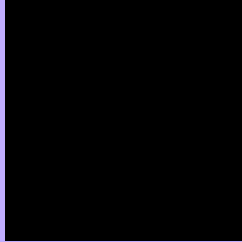
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9859, 48.4446, 101.0604

Background



This preview shows how black text looks on a background with the XYZ color 54.9859, 48.4446, 101.0604.

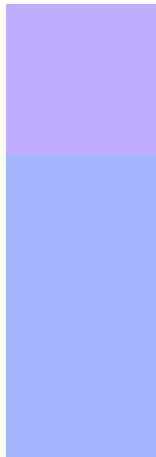


This preview shows how white text looks on a background with the XYZ color 54.9859, 48.4446,

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

54.9859, 48.4446, 101.0604

Protanopia

49.8822, 48.4624, 101.3329

Deuteranopia

49.7674, 48.4403, 99.6554



Tritanopia

46.7407, 48.3496, 60.9017

Trichromacy



Original Color

54.9859, 48.4446, 101.0604

Protanomaly

51.6257, 48.4589, 101.2403

Deuteranomaly

51.6887, 48.5099, 100.4050

Tritanomaly

49.3571, 48.1961, 73.7192

Monochromacy



Original Color

54.9859, 48.4446, 101.0604

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

50.0524, 49.5676, 69.2168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9859, 48.4446, 101.0604 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(193, 173, 255)` looks like.

```
.text, #text, p{  
    color:rgb(193, 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(193, 173, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 173, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.9859, 48.4446, 101.0604 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(193, 173, 255) }
```


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

```
.border{ border-color:rgb(193, 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(193, 173, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 173, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 173, 255);  
box-shadow:4px 4px 4px 4px rgb(193, 173,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9859, 48.4446, 101.0604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 173, 255) }
```

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

```
.background{ background-color: rgb(193,  
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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