

Converting Colors

XYZ(54.3478, 47.7315,
100.9564)

Have a look what the booklet for
XYZ(54.3478, 47.7315, 100.9564)
contains.

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Color

**XYZ(54.5408, 47.9315,
100.9848)**

Conversions

Conversions Part 1

Format	Color
Hex	C0ACFF
RGB	192, 172, 255
RGB Percent	75%, 67%, 100%
CMY	0.2470, 0.3255, 0.0000
CMYK	0.25, 0.33, 0.00, 0.00
HSL	254°, 100%, 84%
HSV	254°, 33%, 100%
XYZ	54.5408, 47.9315, 100.9848
YIQ	187.4420, -14.7230, 30.0530

Conversions

Conversions Part 2

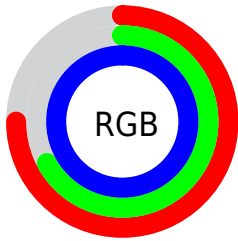
Format	Color
R_{YB}	192, 172, 255
Decimal	12627199
CIE _{Lab}	74.78, 24.19, -38.52
CIE _{LCh}	75, 45.489, 302.130
Yxy	47.9315, 0.2681, 0.2356
Android (android.graphics.Color)	4290817279 (0xFFC0ACFF)
YUV	187.4420, 33.3061, 3.9974
Hunter-Lab	69.2326, 19.4637, -38.0194

Details

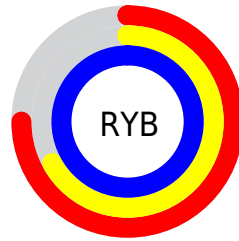
The XYZ color **54.5408, 47.9315, 100.9848** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **77.4678, 92.1609, 52.7374**, and the grayscale version is **47.3086, 49.7723, 54.2021**.

A 20% lighter version of the original color is **84.9434, 82.4822, 106.0514**, and **27.2260, 22.8285, 56.3975** is the 20% darker color. If you saturate the color by 10%, you get **45.5626, 36.7776, 99.3051**, and if you desaturate by 10%, it is **65.0976, 61.2835, 103.0056**.

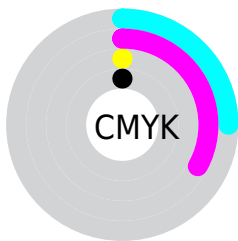
Distribution



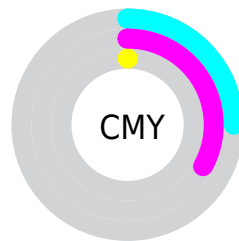
- Red (75%)
- Green (67%)
- Blue (100%)



- Red (75%)
- Yellow (67%)
- Blue (100%)



- Cyan (25%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5408, 47.9315, 100.9848 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 54.5408, 47.9315, 100.9848 by changing the saturation by 10% instead.

■ 54.5408, 47.9315,
100.9848

■ 54.5408, 47.9315,
100.9848

394.3337,
378.5205, 584.6191

■ 39.2666, 33.7726,
76.5018

■ 96.0201, 87.1024,
164.5735

■ 27.1488, 22.7190,
56.3349

122.9559,
112.8832, 204.5163

■ 17.8222, 14.3862,
40.0657

154.5095,
143.3069, 250.4494

■ 10.9213, 8.3897,
27.2756

191.0464,
178.7577, 302.7915

■ 6.0809, 4.3453,
17.5461

232.9319,
219.6200, 361.9609

■ 2.9354, 1.8685,
10.4585

280.5314,

■ 1.1197, 0.5294,

266.2784, 428.3763

5.5945

334.2102,
319.1171, 502.4561

■ 0.0415, 0.0000,
2.5353

■ 0.0000, 0.0000,
0.8588

■ 54.5408, 47.9315,
100.9848

■ 54.5408, 47.9315,
100.9848

■ 45.5626, 36.7776,
99.3051

■ 65.0976, 61.2835,
103.0056

■ 38.0800, 27.6965,
97.9467

■ 77.3014, 76.9386,
105.3842

■ 32.0093, 20.5587,
96.8889

■ 91.2216, 95.0017,
108.1370

■ 27.2558, 15.2174,
96.1084

95.0500, 100.0000,
108.9000

■ 23.7125, 11.5042,
95.5785

■ 21.2533, 9.2171,
95.2667

■ 20.0021, 8.2264,
95.1414

Harmonies

Analogous

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



46.1506, 47.9315, 112.1453



54.5408, 47.9315, 100.9848



61.0958, 47.9315, 76.4809

Triad

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



54.5408, 47.9315, 100.9848



53.3956, 47.9315, 21.4136



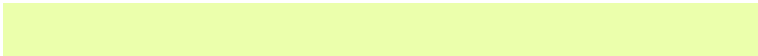
31.4532, 47.9315, 53.8990

Complementary

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



54.5408, 47.9315, 100.9848



77.4678, 92.1609, 52.7374

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.



32.9060, 47.9315, 33.6773



54.5408, 47.9315, 100.9848



44.9694, 47.9315, 18.6454

Square

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



54.5408, 47.9315, 100.9848



60.3804, 47.9315, 31.5366



37.6190, 47.9315, 22.3612



33.3837, 47.9315, 80.3232

Rectangle

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



54.5408, 47.9315, 100.9848



63.1781, 47.9315, 58.6708



37.6190, 47.9315, 22.3612



31.5616, 47.9315, 46.2036

Sweetspot

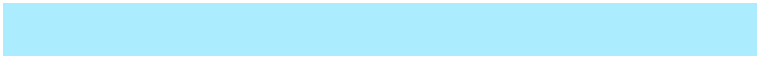
The Sweet Spot groups the original color and five complimentary colors.



54.5423, 47.9333, 100.9851



80.6821, 81.3078, 106.0493



64.9543, 75.7715, 105.8097



16.8671, 16.8832, 22.6197



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.



54.5423, 47.9333, 100.9851



48.5727, 40.4913, 99.8633



66.3643, 54.0278, 101.5384



17.4128, 17.5890, 22.7272



10.5621, 4.3554, 49.7186



1.1213, 0.4719, 4.8453

Inverse Universe

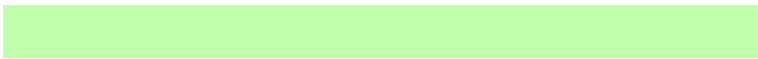
The Inverse Universe completely reimagines the original color for something new.



70.9886, 56.7646, 85.8126



67.4819, 50.6577, 81.8487



65.4898, 85.9860, 52.1768



18.5945, 18.2211, 21.7479



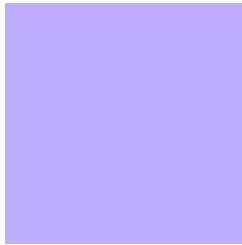
26.6723, 13.1582, 27.9885



2.6397, 1.2982, 2.9499

Previews

White Background



This preview shows how the XYZ color 54.5408, 47.9315, 100.9848 looks on a white background.

Color Contrast Check

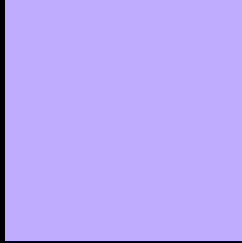
Large Text (above 18pt) WCAG AA × Fail

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 54.5408, 47.9315, 100.9848 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 54.5408, 47.9315, 100.9848

Background



This preview shows how black text looks on a background with the XYZ color 54.5408, 47.9315, 100.9848.



This preview shows how white text looks on a background with the XYZ color 54.5408, 47.9315,

100.9848.

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

54.5408, 47.9315, 100.9848

Protanopia

49.6782, 48.3573, 101.3233

Deuteranopia

49.3579, 48.2291, 99.6362



Tritanopia

46.1826, 47.7679, 60.2121

Trichromacy



Original Color

54.5408, 47.9315, 100.9848

Protanomaly

51.2040, 47.9450, 101.1633

Deuteranomaly

51.0434, 47.8808, 100.3176

Tritanomaly

48.9139, 47.6690, 73.6408

Monochromacy



Original Color

54.5408, 47.9315, 100.9848

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

49.5979, 49.0282, 69.1367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5408, 47.9315, 100.9848 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(192, 172, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 172, 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(192, 172, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 172, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.5408, 47.9315, 100.9848 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(192, 172, 255) }
```


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

```
.border{ border-color:rgb(192, 172, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 172, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 172, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 172, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 172,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5408, 47.9315, 100.9848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 172, 255) }
```

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

```
.background{ background-color: rgb(192,  
172, 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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