

Converting Colors

XYZ(54.4958, 49.1011,
101.8066)

Have a look what the booklet for
XYZ(54.4958, 49.1011, 101.8066)
contains.

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Color

**XYZ(54.3144, 48.9620,
101.1957)**

Conversions

Conversions Part 1

Format	Color
Hex	BCB0FF
RGB	188, 176, 255
RGB Percent	74%, 69%, 100%
CMY	0.2627, 0.3098, 0.0000
CMYK	0.26, 0.31, 0.00, 0.00
HSL	249°, 100%, 85%
HSV	249°, 31%, 100%
XYZ	54.3144, 48.9620, 101.1957
YIQ	188.5940, -18.2070, 27.1130

Conversions

Conversions Part 2

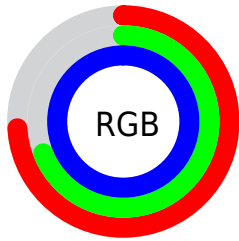
Format	Color
RYB	188, 176, 255
Decimal	12366079
CIELab	75.43, 20.83, -37.54
CIELCh	75, 42.937, 299.026
Yxy	48.9620, 0.2656, 0.2395
Android (android.graphics.Color)	4290556159 (0xFFBCB0FF)
YUV	188.5940, 32.7382, -0.5209
Hunter-Lab	69.9729, 16.1030, -36.7650

Details

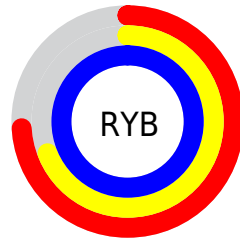
The XYZ color **54.3144, 48.9620, 101.1957** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **80.5590, 93.7094, 54.9180**, and the grayscale version is **47.9660, 50.4639, 54.9552**.

A 20% lighter version of the original color is **84.5628, 84.3457, 106.4312**, and **26.9489, 23.2297, 56.4895** is the 20% darker color. If you saturate the color by 10%, you get **44.8419, 37.3415, 99.4520**, and if you desaturate by 10%, it is **65.5273, 62.8758, 103.2903**.

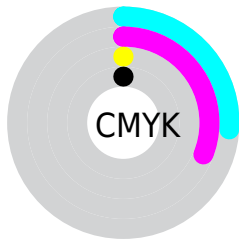
Distribution



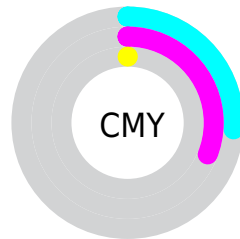
- Red (74%)
- Green (69%)
- Blue (100%)



- Red (74%)
- Yellow (69%)
- Blue (100%)



- Cyan (26%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3144, 48.9620, 101.1957 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 54.3144, 48.9620, 101.1957 by changing the saturation by 10% instead.

■ 54.3144, 48.9620,
101.1957

■ 54.3144, 48.9620,
101.1957

393.4866,
382.5927, 585.2988

■ 39.0847, 34.5893,
76.6771

■ 95.6899, 88.6350,
164.8656

■ 27.0067, 23.3467,
56.4779

122.5665,
114.7042, 204.8539

■ 17.7149, 14.8497,
40.1796

154.0561,
145.4409, 250.8358

■ 10.8439, 8.7140,
27.3638

190.5240,
181.2297, 303.2299

■ 6.0285, 4.5551,
17.6118

232.3357,
222.4548, 362.4547

■ 2.9032, 1.9887,
10.5051

279.8564,

■ 1.1028, 0.6009,

269.5008, 428.9288

5.6251

333.4516,
322.7520, 503.0706

■ 0.0275, 0.0000,
2.5534

■ 0.0000, 0.0000,
0.8683

■ 54.3144, 48.9620,
101.1957

■ 54.3144, 48.9620,
101.1957

■ 44.8419, 37.3415,
99.4520

■ 65.5273, 62.8758,
103.2903

■ 37.0172, 27.8852,
98.0391

■ 78.5579, 79.1917,
105.7528

■ 30.7458, 20.4595,
96.9363

■ 93.4841, 98.0182,
108.6000

■ 25.9217, 14.9135,
96.1201

■ 95.0500, 100.0000,
108.9000

■ 22.4251, 11.0752,
95.5635

■ 20.1156, 8.7398,
95.2345

■ 18.8767, 7.6462,
95.0887

Harmonies

Analogous

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



46.2788, 48.9620, 109.8076



54.3144, 48.9620, 101.1957



60.8351, 48.9620, 79.0209

Triad

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



54.3144, 48.9620, 101.1957



54.8125, 48.9620, 24.0041



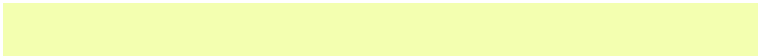
32.9247, 48.9620, 52.5741

Complementary

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



54.3144, 48.9620, 101.1957



80.5590, 93.7094, 54.9180

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.



34.6754, 48.9620, 33.8874



54.3144, 48.9620, 101.1957



46.7960, 48.9620, 20.5399

Square

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



54.3144, 48.9620, 101.1957



61.1448, 48.9620, 34.8447



39.5398, 48.9620, 23.5717



34.4633, 48.9620, 77.3649

Rectangle

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



54.3144, 48.9620, 101.1957



63.1240, 48.9620, 62.0417



39.5398, 48.9620, 23.5717



33.1443, 48.9620, 45.4409

Sweetspot

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



54.3159, 48.9639, 101.1960



81.3590, 82.7150, 106.2852



68.0510, 80.6418, 106.5865



16.9718, 17.1479, 22.6653



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.



54.3159, 48.9639, 101.1960



48.4090, 41.6995, 100.1051



65.3655, 54.6601, 101.7131



17.2598, 17.5101, 22.7201



9.9397, 4.0346, 49.6895



1.0395, 0.4298, 4.8414

Inverse Universe

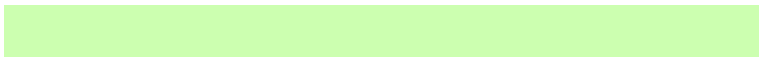
The Inverse Universe completely reimagines the original color for something new.



72.9437, 58.7831, 92.2959



69.7514, 52.9586, 89.5050



68.4035, 87.4430, 54.3491



18.6671, 18.2501, 22.1300



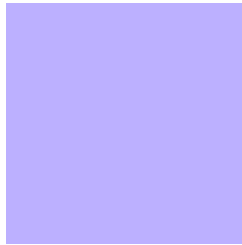
28.0880, 13.7245, 35.4437



2.7655, 1.3486, 3.6127

Previews

White Background



This preview shows how the XYZ color 54.3144, 48.9620, 101.1957 looks on a white background.

Color Contrast Check

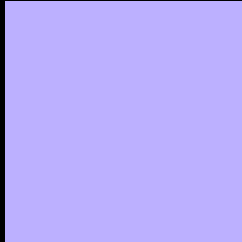
Large Text (above 18pt) WCAG AA × Fail

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 54.3144, 48.9620, 101.1957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

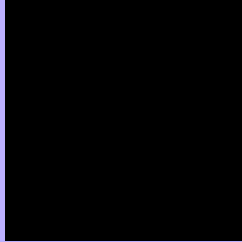
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3144, 48.9620, 101.1957

Background



This preview shows how black text looks on a background with the XYZ color 54.3144, 48.9620, 101.1957.



This preview shows how white text looks on a background with the XYZ color 54.3144, 48.9620,

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

54.3144, 48.9620, 101.1957

Protanopia

50.2933, 48.9795, 101.4110

Deuteranopia

50.1802, 48.9582, 99.7336



Tritanopia

46.4616, 48.7998, 62.2289

Trichromacy



Original Color

54.3144, 48.9620, 101.1957

Protanomaly

51.6048, 48.7468, 101.2969

Deuteranomaly

51.4442, 48.6825, 100.4512

Tritanomaly

49.0705, 48.6214, 75.2052

Monochromacy



Original Color

54.3144, 48.9620, 101.1957

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.1370, 49.9039, 69.9407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3144, 48.9620, 101.1957 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(188, 176, 255)` looks like.

```
.text, #text, p{  
    color:rgb(188, 176, 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(188, 176, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 176, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.3144, 48.9620, 101.1957 is called "border". The border property can be set on classes, ids or directly on the HTML element.

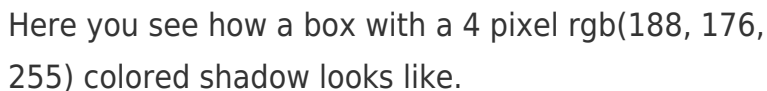
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 176, 255) }
```


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

```
.border{ border-color:rgb(188, 176, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 176, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 176, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 176, 255);  
box-shadow:4px 4px 4px 4px rgb(188, 176,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3144, 48.9620, 101.1957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 176, 255) }
```

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

```
.background{ background-color: rgb(188,  
176, 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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