

Converting Colors

XYZ(54.2688, 48.4055,
101.0907)

Have a look what the booklet for
XYZ(54.2688, 48.4055, 101.0907)
contains.

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Color

**XYZ(54.1723, 48.3109,
101.0775)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>BDAEFF</code>
RGB	189, 174, 255
RGB Percent	74%, 68%, 100%
CMY	0.2588, 0.3176, 0.0000
CMYK	0.26, 0.32, 0.00, 0.00
HSL	251°, 100%, 84%
HSV	251°, 32%, 100%
XYZ	54.1723, 48.3109, 101.0775
YIQ	187.7190, -17.0610, 28.3710

Conversions

Conversions Part 2

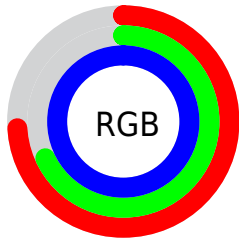
Format	Color
RYB	189, 174, 255
Decimal	12431103
CIELab	75.02, 22.23, -38.17
CIELCh	75, 44.169, 300.211
Yxy	48.3109, 0.2661, 0.2373
Android (android.graphics.Color)	4290621183 (0xFFBDAEFF)
YUV	187.7190, 33.1695, 1.1234
Hunter-Lab	69.5060, 17.4855, -37.5668

Details

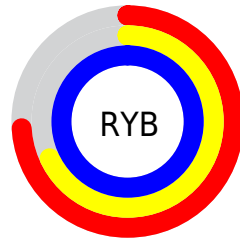
The XYZ color **54.1723, 48.3109, 101.0775** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **79.3357, 93.1015, 53.8352**, and the grayscale version is **47.4668, 49.9387, 54.3833**.

A 20% lighter version of the original color is **84.3529, 83.4065, 106.2609**, and **26.9841, 23.0646, 56.4558** is the 20% darker color. If you saturate the color by 10%, you get **44.9156, 36.9078, 99.3643**, and if you desaturate by 10%, it is **65.1055, 61.9685, 103.1374**.

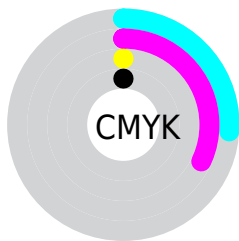
Distribution



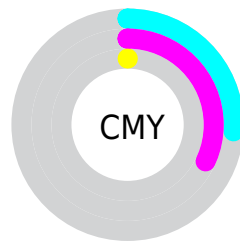
- Red (74%)
- Green (68%)
- Blue (100%)



- 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 54.1723, 48.3109, 101.0775 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 54.1723, 48.3109, 101.0775 by changing the saturation by 10% instead.

■ 54.1723, 48.3109,
101.0775

■ 54.1723, 48.3109,
101.0775

392.9543,
380.0231, 584.9179

■ 38.9706, 34.0732,
76.5788

■ 95.4826, 87.6671,
164.7019

■ 26.9175, 22.9498,
56.3978

122.3219,
113.5544, 204.6647

■ 17.6476, 14.5565,
40.1158

153.7712,
144.0936, 250.6193

■ 10.7954, 8.5087,
27.3144

190.1958,
179.6692, 302.9842

■ 5.9957, 4.4221,
17.5749

231.9611,
220.6656, 362.1780

■ 2.8831, 1.9124,
10.4790

279.4324,

■ 1.0922, 0.5558,

267.4671, 428.6191

5.6079

332.9750,
320.4581, 502.7263

■ 0.0186, 0.0000,
2.5433

■ 0.0000, 0.0000,
0.8630

■ 54.1723, 48.3109,
101.0775

■ 54.1723, 48.3109,
101.0775

■ 44.9156, 36.9078,
99.3643

■ 65.1055, 61.9685,
103.1374

■ 37.2465, 27.6313,
97.9780

■ 77.7889, 77.9880,
105.5610

■ 31.0747, 20.3495,
96.8978

■ 92.2973, 96.4764,
108.3650

■ 26.2986, 14.9128,
96.1001

■ 95.0500, 100.0000,
108.9000

■ 22.8035, 11.1502,
95.5581

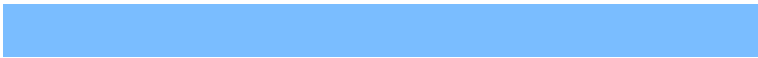
■ 20.4545, 8.8578,
95.2394

■ 19.2326, 7.8296,
95.1053

Harmonies

Analogous

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



45.9753, 48.3109, 110.6909



54.1723, 48.3109, 101.0775



60.7353, 48.3109, 77.8971

Triad

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



54.1723, 48.3109, 101.0775



54.0617, 48.3109, 22.7047



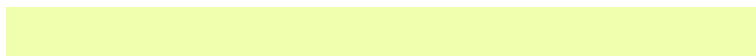
32.0900, 48.3109, 52.7665

Complementary

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



54.1723, 48.3109, 101.0775



79.3357, 93.1015, 53.8352

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.



33.7309, 48.3109, 33.4783



54.1723, 48.3109, 101.0775



45.8608, 48.3109, 19.5152

Square

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



54.1723, 48.3109, 101.0775



60.6663, 48.3109, 33.2687



38.5480, 48.3109, 22.7985



33.7776, 48.3109, 78.2666

Rectangle

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



54.1723, 48.3109, 101.0775



62.9591, 48.3109, 60.5206



38.5480, 48.3109, 22.7985



32.2681, 48.3109, 45.4068

Sweetspot

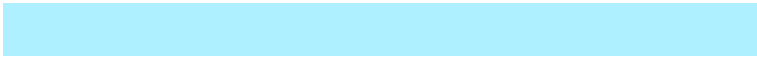
The Sweet Spot groups the original color and five complimentary colors.



54.1738, 48.3127, 101.0778



80.2126, 81.0658, 106.0273



66.7108, 78.6280, 106.2684



16.7543, 16.8250, 22.6145



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.



54.1738, 48.3127, 101.0778



48.2085, 40.9432, 99.9697



65.6120, 54.2094, 101.6131



17.3168, 17.5395, 22.7227



10.1389, 4.1373, 49.6988



1.0672, 0.4441, 4.8427

Inverse Universe

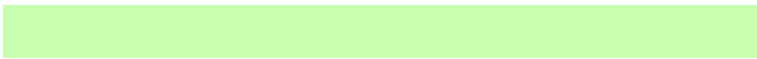
The Inverse Universe completely reimagines the original color for something new.



72.1050, 57.8248, 89.7995



68.7781, 51.8655, 86.5493



67.1271, 86.8077, 53.2639



18.6399, 18.2393, 21.9867



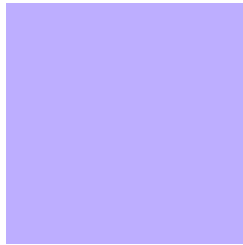
27.5354, 13.5035, 32.5336



2.7167, 1.3291, 3.3556

Previews

White Background



This preview shows how the XYZ color 54.1723, 48.3109, 101.0775 looks on a white background.

Color Contrast Check

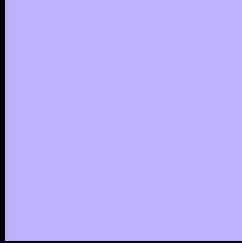
Large Text (above 18pt) WCAG AA × Fail

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 54.1723, 48.3109, 101.0775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

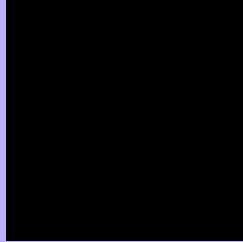
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.1723, 48.3109, 101.0775

Background



This preview shows how black text looks on a background with the XYZ color 54.1723, 48.3109, 101.0775.



This preview shows how white text looks on a background with the XYZ color 54.1723, 48.3109,

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

54.1723, 48.3109, 101.0775

Protanopia

49.8822, 48.4624, 101.3329

Deuteranopia

49.5618, 48.3343, 99.6458



Tritanopia

46.1344, 48.3330, 61.5412

Trichromacy



Original Color

54.1723, 48.3109, 101.0775

Protanomaly

51.1834, 48.2309, 101.2196

Deuteranomaly

51.0227, 48.1666, 100.3738

Tritanomaly

48.7335, 48.1601, 74.4374

Monochromacy



Original Color

54.1723, 48.3109, 101.0775

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.5562, 49.3118, 69.1936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1723, 48.3109, 101.0775 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, 174, 255)` looks like.

```
.text, #text, p{  
    color:rgb(189, 174, 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, 174, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 174, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.1723, 48.3109, 101.0775 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, 174, 255) }
```


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

```
.border{ border-color:rgb(189, 174, 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, 174, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 174, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 174, 255);  
box-shadow:4px 4px 4px 4px rgb(189, 174,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1723, 48.3109, 101.0775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 174, 255) }
```

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

```
.background{ background-color: rgb(189,  
174, 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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