

Converting Colors

XYZ(54.8704, 49.5421,
101.2784)

Have a look what the booklet for
XYZ(54.8704, 49.5421, 101.2784)
contains.

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Color

**XYZ(54.7584, 49.4831,
101.2729)**

Conversions

Conversions Part 1

Format	Color
Hex	BDB1FF
RGB	189, 177, 255
RGB Percent	74%, 69%, 100%
CMY	0.2588, 0.3059, 0.0000
CMYK	0.26, 0.31, 0.00, 0.00
HSL	249°, 100%, 85%
HSV	249°, 31%, 100%
XYZ	54.7584, 49.4831, 101.2729
YIQ	189.4800, -17.8860, 26.8020

Conversions

Conversions Part 2

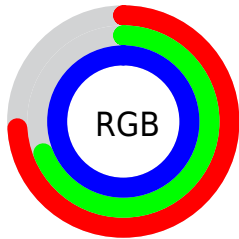
Format	Color
R _Y B	189, 177, 255
Decimal	12431871
CIE Lab	75.75, 20.57, -37.04
CIE LCh	76, 42.364, 299.045
Yxy	49.4831, 0.2664, 0.2408
Android (android.graphics.Color)	4290621951 (0xFFBDB1FF)
YUV	189.4800, 32.3014, -0.4210
Hunter-Lab	70.3442, 15.8482, -36.1174

Details

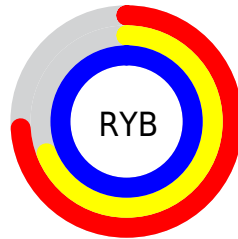
The XYZ color **54.7584, 49.4831, 101.2729** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **80.6586, 93.7493, 55.4412**, and the grayscale version is **48.4740, 50.9984, 55.5372**.

A 20% lighter version of the original color is **85.1949, 85.0907, 106.5416**, and **27.2322, 23.5609, 56.5385** is the 20% darker color. If you saturate the color by 10%, you get **45.2244, 37.7777, 99.5160**, and if you desaturate by 10%, it is **66.0327, 63.4848, 103.3812**.

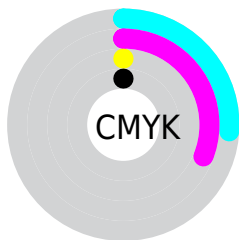
Distribution



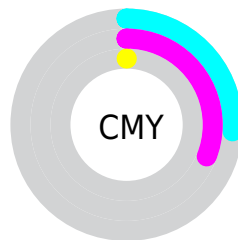
- Red (74%)
- Green (69%)
- Blue (100%)



- 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 54.7584, 49.4831, 101.2729 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 54.7584, 49.4831, 101.2729 by changing the saturation by 10% instead.

■ 54.7584, 49.4831,
101.2729

■ 54.7584, 49.4831,
101.2729

395.1468,
384.6411, 585.5475

■ 39.4414, 35.0029,
76.7412

■ 96.3373, 89.4085,
164.9724

■ 27.2855, 23.6651,
56.5302

123.3299,
115.6225, 204.9774

■ 17.9255, 15.0854,
40.2213

154.9450,
146.5166, 250.9772

■ 10.9959, 8.8793,
27.3961

191.5481,
182.4750, 303.3903

■ 6.1313, 4.6625,
17.6358

233.5044,
223.8823, 362.6354

■ 2.9665, 2.0507,
10.5221

281.1794,

■ 1.1361, 0.6367,

271.1228, 429.1309

5.6364

334.9384,
324.5809, 503.2955

■ 0.0550, 0.0000,
2.5601

■ 0.0000, 0.0000,
0.8717

■ 54.7584, 49.4831,
101.2729

■ 54.7584, 49.4831,
101.2729

■ 45.2244, 37.7777,
99.5160

■ 66.0327, 63.4848,
103.3812

■ 37.3386, 28.2399,
98.0906

■ 79.1241, 79.8910,
105.8580

■ 31.0072, 20.7367,
96.9761

■ 94.1103, 98.8097,
108.7198

■ 26.1250, 15.1182,
96.1489

■ 95.0500, 100.0000,
108.9000

■ 22.5730, 11.2136,
95.5824

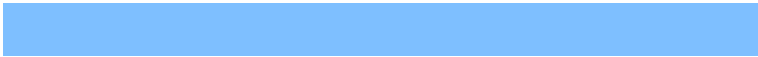
■ 20.2126, 8.8199,
95.2448

■ 18.8954, 7.6558,
95.0896

Harmonies

Analogous

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



46.7807, 49.4831, 109.7827



54.7584, 49.4831, 101.2729



61.2210, 49.4831, 79.3517

Triad

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



54.7584, 49.4831, 101.2729



55.2428, 49.4831, 24.6300



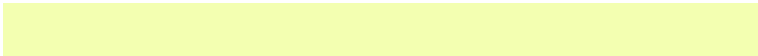
33.4807, 49.4831, 53.1603

Complementary

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



54.7584, 49.4831, 101.2729



80.6586, 93.7493, 55.4412

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.



35.2248, 49.4831, 34.5397



54.7584, 49.4831, 101.2729



47.2846, 49.4831, 21.1528

Square

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



54.7584, 49.4831, 101.2729



61.5219, 49.4831, 35.4772



40.0692, 49.4831, 24.2043



35.0174, 49.4831, 77.7448

Rectangle

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



54.7584, 49.4831, 101.2729



63.4865, 49.4831, 62.5307



40.0692, 49.4831, 24.2043



33.6991, 49.4831, 46.0640

Sweetspot

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



54.7599, 49.4850, 101.2731



81.3737, 82.7226, 106.2859



68.3229, 80.8488, 106.6121



16.9754, 17.1498, 22.6655



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.



54.7599, 49.4850, 101.2731



48.4501, 41.7207, 100.1070



65.6731, 55.1109, 101.7839



17.2631, 17.5119, 22.7202



9.9502, 4.0400, 49.6899



1.0411, 0.4306, 4.8415

Inverse Universe

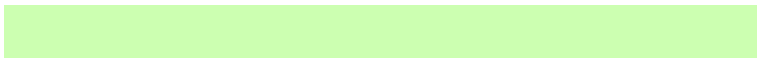
The Inverse Universe completely reimagines the original color for something new.



73.1407, 59.1769, 92.3619



69.7241, 52.9477, 89.3612



68.6810, 87.5746, 54.8807



18.6655, 18.2495, 22.1216



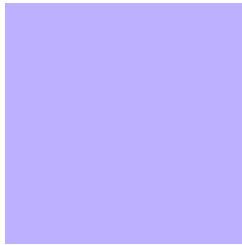
28.0550, 13.7113, 35.2698



2.7626, 1.3474, 3.5974

Previews

White Background



This preview shows how the XYZ color 54.7584, 49.4831, 101.2729 looks on a white background.

Color Contrast Check

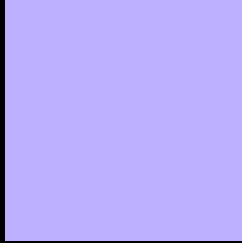
Large Text (above 18pt) WCAG AA × Fail

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 54.7584, 49.4831, 101.2729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

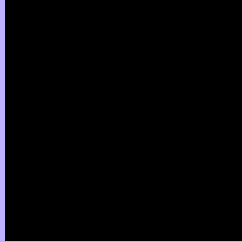
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.7584, 49.4831, 101.2729

Background



This preview shows how black text looks on a background with the XYZ color 54.7584, 49.4831, 101.2729.



This preview shows how white text looks on a background with the XYZ color 54.7584, 49.4831,

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

54.7584, 49.4831, 101.2729

Protanopia

50.9164, 49.6080, 101.4995

Deuteranopia

50.9662, 49.6522, 100.6636



Tritanopia

47.0214, 49.3886, 62.9318

Trichromacy



Original Color

54.7584, 49.4831, 101.2729

Protanomaly

52.0294, 49.2664, 101.3749

Deuteranomaly

52.0925, 49.3175, 100.5396

Tritanomaly

49.5131, 49.1547, 75.2848

Monochromacy



Original Color

54.7584, 49.4831, 101.2729

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.3455, 50.3208, 70.0102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7584, 49.4831, 101.2729 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, 177, 255)` looks like.

```
.text, #text, p{  
    color:rgb(189, 177, 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, 177, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 177, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.7584, 49.4831, 101.2729 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, 177, 255) }
```


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

```
.border{ border-color:rgb(189, 177, 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, 177, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 177, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 177, 255);  
box-shadow:4px 4px 4px 4px rgb(189, 177,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7584, 49.4831, 101.2729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 177, 255) }
```

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

```
.background{ background-color: rgb(189,  
177, 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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