

Converting Colors

XYZ(52.4784, 49.4979,
101.3959)

Have a look what the booklet for
XYZ(52.4784, 49.4979, 101.3959)
contains.

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Color

**XYZ(52.4784, 49.4979,
101.3959)**

Conversions

Conversions Part 1

Format	Color
Hex	B0B5FF
RGB	176, 181, 255
RGB Percent	69%, 71%, 100%
CMY	0.3098, 0.2902, 0.0000
CMYK	0.31, 0.29, 0.00, 0.00
HSL	236°, 100%, 85%
HSV	236°, 31%, 100%
XYZ	52.4784, 49.4979, 101.3959
YIQ	187.9410, -26.7340, 21.9540

Conversions

Conversions Part 2

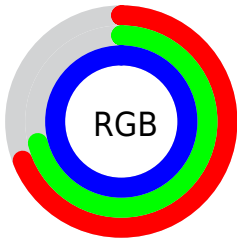
Format	Color
R _Y B	176, 181, 255
Decimal	11580927
CIE Lab	75.76, 14.67, -37.10
CIE LCh	76, 39.895, 291.577
Yxy	49.4979, 0.2580, 0.2434
Android (android.graphics.Color)	4289771007 (0xFFB0B5FF)
YUV	187.9410, 33.0601, -10.4723
Hunter-Lab	70.3547, 10.0244, -36.2010

Details

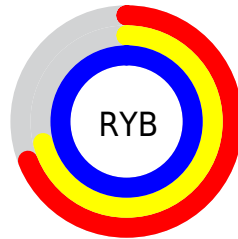
The XYZ color **52.4784, 49.4979, 101.3959** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.2624, 92.7659, 54.5934**, and the grayscale version is **47.5970, 50.0758, 54.5325**.

A 20% lighter version of the original color is **81.9385, 85.1120, 106.7174**, and **25.7974, 23.5805, 56.6179** is the 20% darker color. If you saturate the color by 10%, you get **42.7974, 37.9057, 99.6686**, and if you desaturate by 10%, it is **64.0779, 63.3173, 103.4519**.

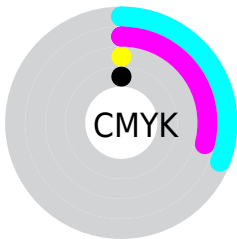
Distribution



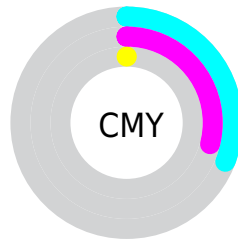
- Red (69%)
- Green (71%)
- Blue (100%)



- Red (69%)
- Yellow (71%)
- Blue (100%)



- Cyan (31%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4784, 49.4979, 101.3959 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 52.4784, 49.4979, 101.3959 by changing the saturation by 10% instead.

■ 52.4784, 49.4979,
101.3959

■ 52.4784, 49.4979,
101.3959

386.5744,
384.6992, 585.9437

■ 37.6123, 35.0146,
76.8435

■ 93.0065, 89.4305,
165.1427

■ 25.8578, 23.6741,
56.6136

119.3992,
115.6486, 205.1742

■ 16.8494, 15.0921,
40.2878

150.3648,
146.5471, 251.2024

■ 10.2218, 8.8840,
27.4475

186.2687,
182.5103, 303.6459

■ 5.6097, 4.6656,
17.6742

227.4763,
223.9228, 362.9233

■ 2.6476, 2.0524,
10.5493

274.3529,

■ 0.9703, 0.6377,

271.1688, 429.4530

5.6543

327.2638,
324.6328, 503.6536

■ 0.0000, 0.0000,
2.5707

■ 0.0000, 0.0000,
0.8773

■ 52.4784, 49.4979,
101.3959

■ 52.4784, 49.4979,
101.3959

■ 42.7974, 37.9057,
99.6686

■ 64.0779, 63.3173,
103.4519

■ 34.9273, 28.4188,
98.2523

■ 77.6870, 79.4660,
105.8517

■ 28.7564, 20.9123,
97.1286

■ 93.3961, 98.0467,
108.6101

■ 24.1591, 15.2456,
96.2771

■ 95.0500, 100.0000,
108.9000

■ 20.9923, 11.2598,
95.6747

■ 19.0866, 8.7685,
95.2943

■ 18.2374, 7.5947,
95.1125

Harmonies

Analogous

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



44.9916, 49.4979, 105.1248



52.4784, 49.4979, 101.3959



59.1044, 49.4979, 83.4114

Triad

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



52.4784, 49.4979, 101.3959



56.4599, 49.4979, 27.8471



34.3218, 49.4979, 48.1405

Complementary

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



52.4784, 49.4979, 101.3959



83.2624, 92.7659, 54.5934

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.



36.7509, 49.4979, 32.3199



52.4784, 49.4979, 101.3959



49.1626, 49.4979, 22.7868

Square

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



52.4784, 49.4979, 101.3959



61.5657, 49.4979, 40.2482



42.0026, 49.4979, 24.1759



35.0104, 49.4979, 70.3224

Rectangle

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



52.4784, 49.4979, 101.3959



61.8870, 49.4979, 67.8341



42.0026, 49.4979, 24.1759



34.7908, 49.4979, 42.0092

Sweetspot

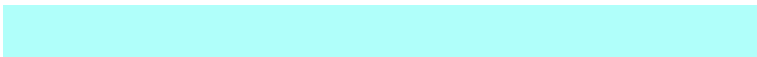
The Sweet Spot groups the original color and five complimentary colors.



52.4799, 49.4998, 101.3962



80.6264, 82.9470, 106.3686



70.8789, 87.6359, 103.4033



16.7931, 17.2043, 22.6856



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.



52.4799, 49.4998, 101.3962



46.4270, 42.2598, 100.3177



60.2214, 52.0083, 101.4723



17.0953, 17.5622, 22.7388



9.5643, 4.0381, 49.7099



0.9621, 0.4549, 4.8504

Inverse Universe

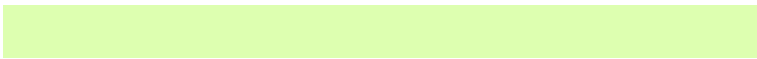
The Inverse Universe completely reimagines the original color for something new.



65.1069, 55.6484, 51.0277



60.8639, 49.4036, 42.7042



73.3451, 89.9905, 54.5804



18.0560, 18.0057, 18.9120



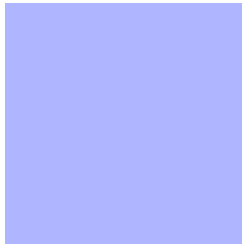
21.6158, 11.1356, 1.3613



2.1202, 1.0905, 0.2146

Previews

White Background



This preview shows how the XYZ color 52.4784, 49.4979, 101.3959 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 52.4784, 49.4979, 101.3959 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 52.4784, 49.4979, 101.3959

Background



This preview shows how black text looks on a background with the XYZ color 52.4784, 49.4979, 101.3959.

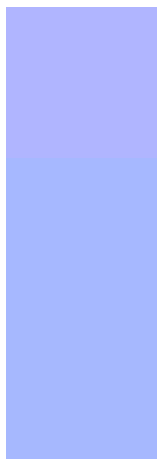


This preview shows how white text looks on a background with the XYZ color 52.4784, 49.4979,

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

52.4784, 49.4979, 101.3959

Protanopia

50.9164, 49.6080, 101.4995

Deuteranopia

50.7558, 49.5437, 100.6537



Tritanopia

45.2799, 49.3901, 65.5393

Trichromacy



Original Color

52.4784, 49.4979, 101.3959

Protanomaly

51.5610, 49.6330, 101.4703

Deuteranomaly

51.4004, 49.5688, 100.6246

Tritanomaly

47.8024, 49.4685, 77.5499

Monochromacy



Original Color

52.4784, 49.4979, 101.3959

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.9998, 49.6417, 69.2866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4784, 49.4979, 101.3959 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(176, 181, 255)` looks like.

```
.text, #text, p{  
    color:rgb(176, 181, 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(176, 181, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 181, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.4784, 49.4979, 101.3959 is called "border". The border property can be set on classes, ids or directly on the HTML element.

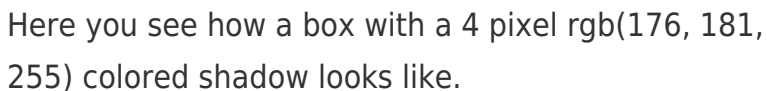
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 181, 255) }
```


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

```
.border{ border-color:rgb(176, 181, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 181, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 181, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 181, 255); box-shadow:4px 4px 4px 4px rgb(176, 181, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4784, 49.4979, 101.3959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 181, 255) }
```

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

```
.background{ background-color: rgb(176,  
181, 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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