

Converting Colors

XYZ(51.5069, 48.4894, 97.0872)

Have a look what the booklet for
XYZ(51.5069, 48.4894, 97.0872)
contains.

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Color

**XYZ(51.5069, 48.4894,
97.0872)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B3FA
RGB	177, 179, 250
RGB Percent	69%, 70%, 98%
CMY	0.3059, 0.2980, 0.0196
CMYK	0.29, 0.28, 0.00, 0.02
HSL	238°, 88%, 84%
HSV	238°, 29%, 98%
XYZ	51.5069, 48.4894, 97.0872
YIQ	186.4960, -23.9830, 21.6570

Conversions

Conversions Part 2

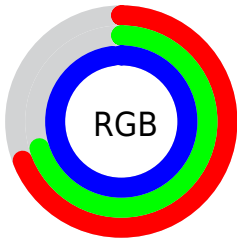
Format	Color
R_{YB}	177, 179, 250
Decimal	11645946
CIE _{Lab}	75.13, 14.83, -35.37
CIE _{LCh}	75, 38.357, 292.744
Yxy	48.4894, 0.2613, 0.2460
Android (android.graphics.Color)	4289836026 (0xFFB1B3FA)
YUV	186.4960, 31.3075, -8.3280
Hunter-Lab	69.6343, 10.1722, -33.9207

Details

The XYZ color **51.5069, 48.4894, 97.0872** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.9287, 90.6342, 54.8256**, and the grayscale version is **46.7910, 49.2278, 53.6091**.

A 20% lighter version of the original color is **81.6900, 84.1291, 106.5408**, and **25.1125, 22.9095, 53.5505** is the 20% darker color. If you saturate the color by 10%, you get **41.8746, 36.9170, 95.3620**, and if you desaturate by 10%, it is **63.0449, 62.3218, 99.1498**.

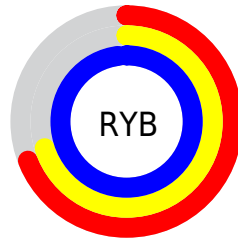
Distribution



Red (69%)

Green (70%)

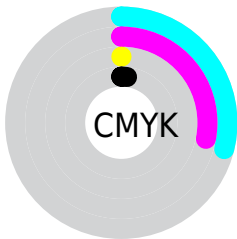
Blue (98%)



Red (69%)

Yellow (70%)

Blue (98%)

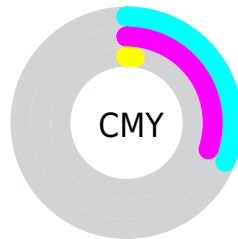


Cyan (29%)

Magenta (28%)

Yellow (0%)

Black (2%)



Cyan (31%)

Magenta (30%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5069, 48.4894, 97.0872 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 51.5069, 48.4894, 97.0872 by changing the saturation by 10% instead.

■ 51.5069, 48.4894,
97.0872

■ 51.5069, 48.4894,
97.0872

382.8853,
380.7287, 571.9797

■ 36.8349, 34.2146,
73.2669

■ 91.5822, 87.9326,
159.1653

■ 25.2527, 23.0585,
53.7011

117.7161,
113.8699, 198.2602

■ 16.3952, 14.6367,
37.9712

148.4014,
144.4634, 243.2838

■ 9.8969, 8.5648,
25.6587

184.0033,
180.0975, 294.6545

■ 5.3924, 4.4584,
16.3450

224.8874,
221.1567, 352.7909

■ 2.5164, 1.9332,
9.6116

271.4188,

■ 0.9035, 0.5682,

268.0254, 418.1115

5.0400

323.9630,
321.0880, 491.0349

■ 0.0000, 0.0000,
2.2116

■ 0.0000, 0.0000,
0.6810

■ 51.5069, 48.4894,
97.0872

■ 51.5069, 48.4894,
97.0872

■ 41.8746, 36.9170,
95.3620

■ 63.0449, 62.3218,
99.1498

■ 34.0407, 27.4792,
93.9532

■ 76.5780, 78.5192,
101.5630

■ 27.8953, 20.0472,
92.8426

■ 92.1962, 97.1871,
104.3431

■ 23.3142, 14.4760,
92.0087

■ 94.2555, 99.6822,
104.7162

■ 20.1562, 10.6010,
91.4272

■ 18.2545, 8.2292,
91.0696

■ 17.3760, 7.1061,
90.8992

■ 17.3298, 7.0509,
90.8909

Harmonies

Analogous

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



44.4034, 48.4894, 101.1916



51.5069, 48.4894, 97.0872



57.6906, 48.4894, 79.8343

Triad

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



51.5069, 48.4894, 97.0872



54.7537, 48.4894, 27.6135



33.9502, 48.4894, 48.0619

Complementary

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



51.5069, 48.4894, 97.0872



80.9287, 90.6342, 54.8256

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.



36.1553, 48.4894, 32.6778



51.5069, 48.4894, 97.0872



47.8141, 48.4894, 22.9790

Square

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



51.5069, 48.4894, 97.0872



59.6940, 48.4894, 39.2145



41.0626, 48.4894, 24.5629



34.7240, 48.4894, 69.2006

Rectangle

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



51.5069, 48.4894, 97.0872



60.2208, 48.4894, 65.1176



41.0626, 48.4894, 24.5629



34.3593, 48.4894, 42.1371

Sweetspot

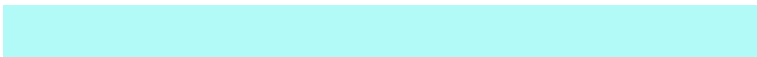
The Sweet Spot groups the original color and five complimentary colors.



51.5085, 48.4913, 97.0883



80.3930, 82.4803, 106.2909



69.1945, 84.4699, 101.1132



16.7362, 17.0906, 22.6667



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.



51.5085, 48.4913, 97.0883



47.7622, 43.3774, 100.4631



59.8621, 52.2070, 97.3652



16.3212, 16.7191, 21.7522



9.2089, 3.7733, 48.2165



0.8659, 0.3755, 4.4700

Inverse Universe

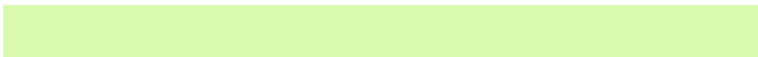
The Inverse Universe completely reimagines the original color for something new.



63.2846, 55.0247, 49.9350



61.9169, 51.2761, 43.7751



70.4220, 86.1355, 54.5110



17.2639, 17.2329, 17.9794



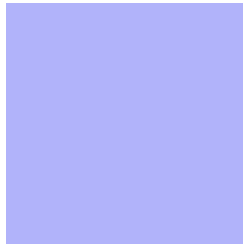
20.9402, 10.7918, 1.1278



1.9460, 1.0021, 0.1390

Previews

White Background



This preview shows how the XYZ color 51.5069, 48.4894, 97.0872 looks on a white background.

Color Contrast Check

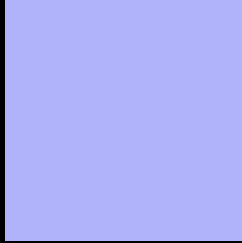
Large Text (above 18pt) WCAG AA × Fail

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 51.5069, 48.4894, 97.0872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

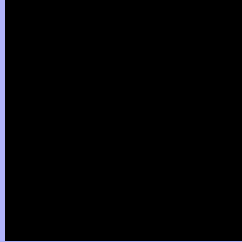
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.5069, 48.4894, 97.0872

Background



This preview shows how black text looks on a background with the XYZ color 51.5069, 48.4894, 97.0872.



This preview shows how white text looks on a background with the XYZ color 51.5069, 48.4894,

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

51.5069, 48.4894, 97.0872

Protanopia

49.7674, 48.4403, 99.6554

Deuteranopia

49.7632, 48.5109, 96.3633



Tritanopia

44.6991, 48.4937, 63.5042

Trichromacy



Original Color

51.5069, 48.4894, 97.0872

Protanomaly

50.4567, 48.5110, 98.7997

Deuteranomaly

50.4173, 48.5452, 96.3354

Tritanomaly

47.0618, 48.5232, 74.5956

Monochromacy



Original Color

51.5069, 48.4894, 97.0872

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.9705, 48.5377, 67.1620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5069, 48.4894, 97.0872 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(177, 179, 250)` looks like.

```
.text, #text, p{  
    color:rgb(177, 179, 250)  
}
```

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(177, 179, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 179, 250) }
```

Border

The CSS property to change the border of an element to XYZ 51.5069, 48.4894, 97.0872 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(177, 179, 250) }
```


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

```
.border{ border-color:rgb(177, 179, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 179, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 179, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 179, 250);  
box-shadow:4px 4px 4px 4px rgb(177, 179,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5069, 48.4894, 97.0872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 179, 250) }
```

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

```
.background{ background-color: rgb(177,  
179, 250) }
```

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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