

Converting Colors

XYZ(52.4086, 49.9386, 98.7955)

Have a look what the booklet for
XYZ(52.4086, 49.9386, 98.7955)
contains.

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Color

**XYZ(52.4301, 49.8313,
98.9505)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B6FC
RGB	177, 182, 252
RGB Percent	69%, 71%, 99%
CMY	0.3059, 0.2863, 0.0118
CMYK	0.30, 0.28, 0.00, 0.01
HSL	236°, 93%, 84%
HSV	236°, 30%, 99%
XYZ	52.4301, 49.8313, 98.9505
YIQ	188.4850, -25.4500, 20.7100

Conversions

Conversions Part 2

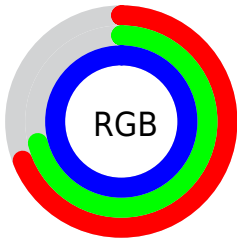
Format	Color
RYB	177, 182, 252
Decimal	11646716
CIELab	75.97, 13.66, -35.16
CIELCh	76, 37.722, 291.230
Yxy	49.8313, 0.2606, 0.2477
Android (android.graphics.Color)	4289836796 (0xFFB1B6FC)
YUV	188.4850, 31.3129, -10.0723
Hunter-Lab	70.5913, 9.0421, -33.6952

Details

The XYZ color **52.4301, 49.8313, 98.9505** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.3424, 90.3921, 54.7570**, and the grayscale version is **47.9149, 50.4102, 54.8967**.

A 20% lighter version of the original color is **82.5562, 85.8615, 106.8295**, and **25.7266, 23.7782, 54.8635** is the 20% darker color. If you saturate the color by 10%, you get **42.7925, 38.3038, 97.2343**, and if you desaturate by 10%, it is **63.9399, 63.5269, 100.9883**.

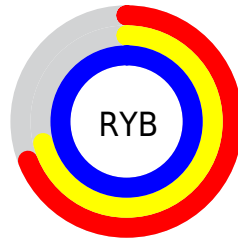
Distribution



Red (69%)

Green (71%)

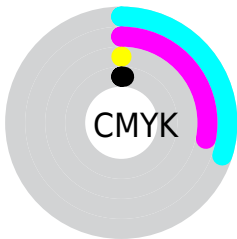
Blue (99%)



Red (69%)

Yellow (71%)

Blue (99%)

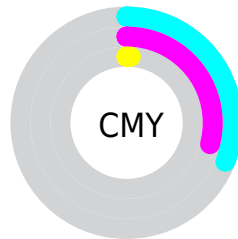


Cyan (30%)

Magenta (28%)

Yellow (0%)

Black (1%)



Cyan (31%)

Magenta (29%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4301, 49.8313, 98.9505 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 52.4301, 49.8313, 98.9505 by changing the saturation by 10% instead.

■ 52.4301, 49.8313,
98.9505

■ 52.4301, 49.8313,
98.9505

386.3915,
386.0059, 578.0405

■ 37.5737, 35.2794,
74.8124

■ 92.9357, 89.9249,
161.7535

■ 25.8277, 23.8782,
54.9584

119.3156,
116.2353, 201.2554

■ 16.8268, 15.2433,
38.9700

150.2674,
147.2340, 246.7156

■ 10.2056, 8.9903,
26.4288

186.1563,
183.3054, 298.5527

■ 5.5988, 4.7349,
16.9160

227.3479,
224.8339, 357.1852

■ 2.6410, 2.0925,
10.0133

274.2074,

■ 0.9669, 0.6604,

272.2039, 423.0316

5.3021

327.1001,
325.7998, 496.5106

■ 0.0000, 0.0000,
2.3637

■ 0.0000, 0.0000,
0.7666

■ 52.4301, 49.8313,
98.9505

■ 52.4301, 49.8313,
98.9505

■ 42.7925, 38.3038,
97.2343

■ 63.9399, 63.5269,
100.9883

■ 34.9232, 28.8278,
95.8200

■ 77.4082, 79.4877,
103.3591

■ 28.7159, 21.2843,
94.6911

■ 92.9224, 97.8120,
106.0784

■ 24.0510, 15.5401,
93.8282

■ 94.5709, 99.8083,
106.3769

■ 20.7925, 11.4447,
93.2095

■ 18.7808, 8.8232,
92.8095

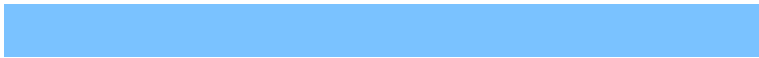
■ 17.7845, 7.4445,
92.5959

■ 17.7682, 7.4231,
92.5926

Harmonies

Analogous

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



45.3313, 49.8313, 102.2332



52.4301, 49.8313, 98.9505



58.7069, 49.8313, 82.2987

Triad

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



52.4301, 49.8313, 98.9505



56.3448, 49.8313, 29.3197



35.2172, 49.8313, 48.5651

Complementary

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



52.4301, 49.8313, 98.9505



81.3424, 90.3921, 54.7570

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.



37.5838, 49.8313, 33.4419



52.4301, 49.8313, 98.9505



49.4548, 49.8313, 24.2794

Square

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



52.4301, 49.8313, 98.9505



61.1180, 49.8313, 41.4085



42.6337, 49.8313, 25.5744



35.8443, 49.8313, 69.5231

Rectangle

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



52.4301, 49.8313, 98.9505



61.3536, 49.8313, 67.6963



42.6337, 49.8313, 25.5744



35.6797, 49.8313, 42.7270

Sweetspot

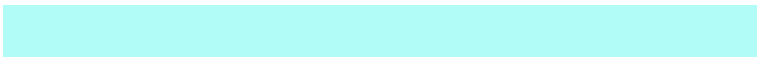
The Sweet Spot groups the original color and five complimentary colors.



52.4318, 49.8332, 98.9517



80.6484, 82.9910, 106.3760



69.5394, 85.6075, 99.8475



16.7984, 17.2150, 22.6874



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.



52.4318, 49.8332, 98.9517



47.4429, 43.5230, 100.5080



59.3771, 51.9205, 98.9885



16.3759, 16.8287, 21.7705



9.2914, 3.9384, 48.2440



0.8920, 0.4277, 4.4787

Inverse Universe

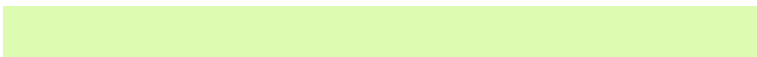
The Inverse Universe completely reimagines the original color for something new.



64.3119, 55.5188, 51.5845



61.5643, 50.4021, 44.1779



72.4902, 88.1292, 54.7867



17.2915, 17.2440, 18.1250



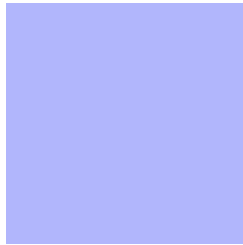
20.9819, 10.8085, 1.3471



1.9592, 1.0074, 0.2084

Previews

White Background



This preview shows how the XYZ color 52.4301, 49.8313, 98.9505 looks on a white background.

Color Contrast Check

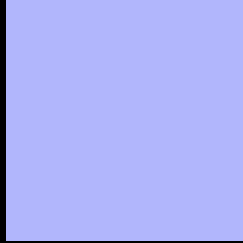
Large Text (above 18pt) WCAG AA × Fail

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 52.4301, 49.8313, 98.9505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

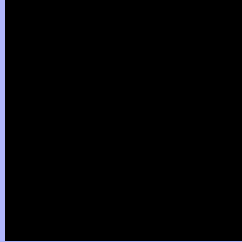
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4301, 49.8313, 98.9505

Background



This preview shows how black text looks on a background with the XYZ color 52.4301, 49.8313, 98.9505.



This preview shows how white text looks on a background with the XYZ color 52.4301, 49.8313,

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

52.4301, 49.8313, 98.9505

Protanopia

51.1747, 50.0692, 100.7331

Deuteranopia

51.0734, 49.7443, 99.0052



Tritanopia

45.7077, 49.9333, 65.6216

Trichromacy



Original Color

52.4301, 49.8313, 98.9505

Protanomaly

51.6647, 50.0308, 99.8624

Deuteranomaly

51.5174, 49.6659, 98.9667

Tritanomaly

48.0971, 49.9521, 76.9188

Monochromacy



Original Color

52.4301, 49.8313, 98.9505

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.0839, 50.0113, 68.6942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4301, 49.8313, 98.9505 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, 182, 252)` looks like.

```
.text, #text, p{  
    color:rgb(177, 182, 252)  
}
```

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, 182, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 182, 252) }
```

Border

The CSS property to change the border of an element to XYZ 52.4301, 49.8313, 98.9505 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, 182, 252) }
```


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

```
.border{ border-color:rgb(177, 182, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 182, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 182, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 182, 252);  
box-shadow:4px 4px 4px 4px rgb(177, 182,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4301, 49.8313, 98.9505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 182, 252) }
```

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

```
.background{ background-color: rgb(177,  
182, 252) }
```

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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