

Converting Colors

XYZ(59.5061, 49.7159,
101.0676)

Have a look what the booklet for
XYZ(59.5061, 49.7159, 101.0676)
contains.

XYZ(59.3893, 49.5930, 101.0500)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.3893, 49.5930,
101.0500)**

Conversions

Conversions Part 1

Format	Color
Hex	D4A9FF
RGB	212, 169, 255
RGB Percent	83%, 66%, 100%
CMY	0.1686, 0.3372, 0.0000
CMYK	0.17, 0.34, 0.00, 0.00
HSL	270°, 100%, 83%
HSV	270°, 34%, 100%
XYZ	59.3893, 49.5930, 101.0500
YIQ	191.6610, -1.9780, 35.8620

Conversions

Conversions Part 2

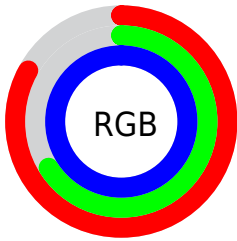
Format	Color
R _Y B	212, 169, 255
Decimal	13937151
CIE Lab	75.82, 31.69, -36.78
CIE LCh	76, 48.544, 310.749
Yxy	49.5930, 0.2828, 0.2361
Android (android.graphics.Color)	4292127231 (0xFFD4A9FF)
YUV	191.6610, 31.2261, 17.8373
Hunter-Lab	70.4223, 27.2955, -35.7805

Details

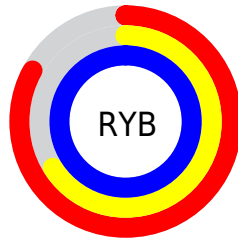
The XYZ color **59.3893, 49.5930, 101.0500** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **70.0738, 88.3821, 50.9045**, and the grayscale version is **49.7315, 52.3214, 56.9780**.

A 20% lighter version of the original color is **86.2152, 82.3304, 105.9551**, and **30.1487, 23.6359, 56.3993** is the 20% darker color. If you saturate the color by 10%, you get **51.5686, 39.1934, 99.4549**, and if you desaturate by 10%, it is **68.4284, 61.9963, 102.9676**.

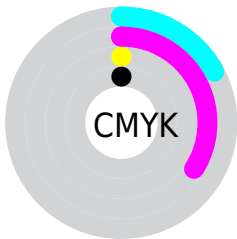
Distribution



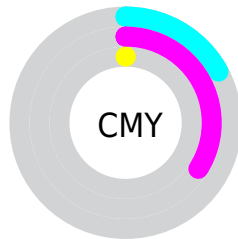
- Red (83%)
- Green (66%)
- Blue (100%)



- Red (83%)
- Yellow (66%)
- Blue (100%)



- Cyan (17%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)




- Cyan (17%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3893, 49.5930, 101.0500 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 59.3893, 49.5930, 101.0500 by changing the saturation by 10% instead.


 59.3893, 49.5930,
101.0500


 59.3893, 49.5930,
101.0500


412.2140,
385.0722, 584.8293

 43.1742, 35.0901,
76.5560

 103.0547, 89.5716,
164.6638

 30.2169, 23.7323,
56.3791

 131.2356,
115.8160, 204.6207

 20.1522, 15.1352,
40.1009


164.1358,
146.7431, 250.5689

 12.6146, 8.9143,
27.3029

202.1207,
182.7373, 302.9270

 7.2389, 4.6853,
17.5664

245.5556,
224.1829, 362.1136

 3.6596, 2.0638,
10.4729

294.8059,

 1.5114, 0.6442,

271.4643, 428.5471

5.6039

350.2369,
324.9659, 502.6461

■ 0.3336, 0.0000,
2.5409

■ 0.0000, 0.0000,
0.8617

■ 59.3893, 49.5930,
101.0500

■ 59.3893, 49.5930,
101.0500

■ 51.5686, 39.1934,
99.4549

■ 68.4284, 61.9963,
102.9676

■ 44.9009, 30.6800,
98.1630

■ 78.7374, 76.4998,
105.2238

■ 39.3214, 23.9322,
97.1547

■ 90.3700, 93.2011,
107.8343

■ 34.7558, 18.8121,
96.4070

95.0500, 100.0000,
108.9000

■ 31.1189, 15.1605,
95.8939

■ 28.3081, 12.7834,
95.5832

■ 26.8771, 11.7705,
95.4631

Harmonies

Analogous

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



50.4463, 49.5930, 118.9808



59.3893, 49.5930, 101.0500



65.4813, 49.5930, 72.0880

Triad

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



59.3893, 49.5930, 101.0500



53.0898, 49.5930, 19.3676



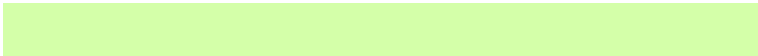
32.0670, 49.5930, 63.8032

Complementary

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



59.3893, 49.5930, 101.0500



70.0738, 88.3821, 50.9045

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.



32.5845, 49.5930, 39.2204



59.3893, 49.5930, 101.0500



43.9751, 49.5930, 18.4213

Square

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



59.3893, 49.5930, 101.0500



61.5357, 49.5930, 27.6304



36.6970, 49.5930, 24.4312



35.1797, 49.5930, 93.3469

Rectangle

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



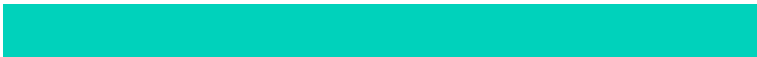
59.3893, 49.5930, 101.0500



66.6943, 49.5930, 53.3514



36.6970, 49.5930, 24.4312



31.8333, 49.5930, 54.6505

Sweetspot

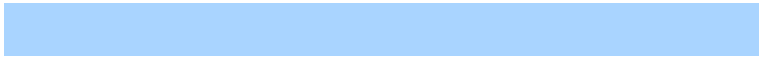
The Sweet Spot groups the original color and five complimentary colors.



59.3908, 49.5950, 101.0503



82.9117, 82.4572, 106.1537



57.9572, 62.7436, 103.6638



17.4046, 17.1603, 22.6449



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.



59.3908, 49.5950, 101.0503



54.3431, 42.8398, 100.0125



73.4788, 56.8576, 101.7096



17.8684, 17.8239, 22.7485



14.2160, 6.2391, 49.8896



1.5101, 0.6724, 4.8635

Inverse Universe

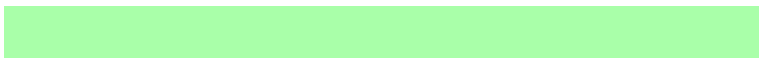
The Inverse Universe completely reimagines the original color for something new.



67.3127, 54.3912, 69.2396



63.5303, 48.4021, 63.1208



59.2850, 82.8202, 50.3996



18.3882, 18.1386, 20.6613



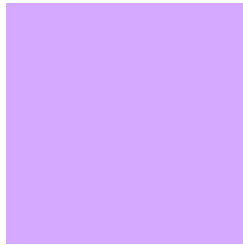
23.6429, 11.9464, 12.0358



2.3571, 1.1852, 1.4621

Previews

White Background



This preview shows how the XYZ color 59.3893, 49.5930, 101.0500 looks on a white background.

Color Contrast Check

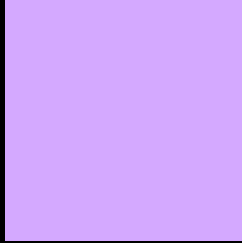
Large Text (above 18pt) WCAG AA × Fail

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 59.3893, 49.5930, 101.0500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

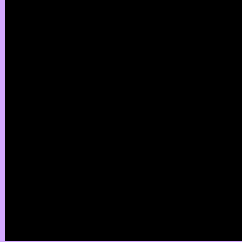
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.3893, 49.5930, 101.0500

Background



This preview shows how black text looks on a background with the XYZ color 59.3893, 49.5930, 101.0500.



This preview shows how white text looks on a background with the XYZ color 59.3893, 49.5930,

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

59.3893, 49.5930, 101.0500

Protanopia

51.1248, 50.0249, 101.5689

Deuteranopia

51.0734, 49.7443, 99.0052



Tritanopia

50.7313, 49.5444, 58.5190

Trichromacy



Original Color

59.3893, 49.5930, 101.0500



Protanomaly

53.6985, 49.5275, 101.3373



Deuteranomaly

53.8573, 49.6463, 99.6726

Tritanomaly

53.7001, 49.5758, 72.3844

Monochromacy



Original Color

59.3893, 49.5930, 101.0500



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

52.9594, 51.3294, 71.4063

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3893, 49.5930, 101.0500 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(212, 169, 255)` looks like.

```
.text, #text, p{  
    color:rgb(212, 169, 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(212, 169, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 169, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.3893, 49.5930, 101.0500 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(212, 169, 255) }
```


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

```
.border{ border-color:rgb(212, 169, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 169, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 169, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 169, 255);  
box-shadow:4px 4px 4px 4px rgb(212, 169,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3893, 49.5930, 101.0500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 169, 255) }
```

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

```
.background{ background-color: rgb(212,  
169, 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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