

Converting Colors

XYZ(51.6110, 41.4314, 99.8846)

Have a look what the booklet for
XYZ(51.6110, 41.4314, 99.8846)
contains.

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Color

**XYZ(51.6894, 41.4718,
99.8883)**

Conversions

Conversions Part 1

Format	Color
Hex	C299FF
RGB	194, 153, 255
RGB Percent	76%, 60%, 100%
CMY	0.2392, 0.4000, 0.0000
CMYK	0.24, 0.40, 0.00, 0.00
HSL	264°, 100%, 80%
HSV	264°, 40%, 100%
XYZ	51.6894, 41.4718, 99.8883
YIQ	176.8870, -8.3060, 40.4140

Conversions

Conversions Part 2

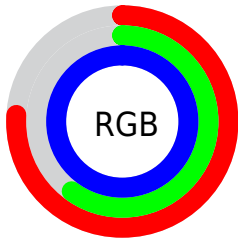
Format	Color
RYB	194, 153, 255
Decimal	12753407
CIELab	70.51, 35.26, -45.19
CIElCh	71, 57.313, 307.962
Yxy	41.4718, 0.2678, 0.2148
Android (android.graphics.Color)	4290943487 (0xFFC299FF)
YUV	176.8870, 38.5097, 15.0081
Hunter-Lab	64.3986, 30.5751, -46.8854

Details

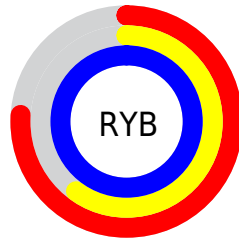
The XYZ color **51.6894, 41.4718, 99.8883** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **69.2417, 88.1162, 43.4972**, and the grayscale version is **41.5394, 43.7027, 47.5923**.

A 20% lighter version of the original color is **80.7508, 73.0272, 104.4474**, and **25.3280, 18.7879, 55.7176** is the 20% darker color. If you saturate the color by 10%, you get **44.2380, 32.0835, 98.4689**, and if you desaturate by 10%, it is **60.4369, 52.8538, 101.6242**.

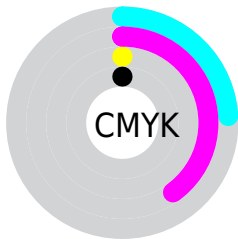
Distribution



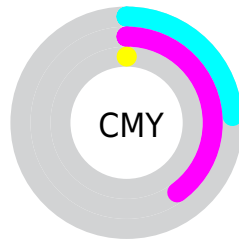
- Red (76%)
- Green (60%)
- Blue (100%)



- Red (76%)
- Yellow (60%)
- Blue (100%)



- Cyan (24%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)





- Cyan (24%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.6894, 41.4718, 99.8883 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 51.6894, 41.4718, 99.8883 by changing the saturation by 10% instead.


 51.6894, 41.4718,
99.8883


 51.6894, 41.4718,
99.8883


383.5800,
352.2886, 581.0781

 36.9808, 28.6879,
75.5909

 91.8500, 77.3996,
163.0542

 25.3663, 18.8449,
55.5925


 118.0326,
101.3123, 202.7598

 16.4803, 11.5582,
39.4745


148.7708,
129.7034, 248.4385

 9.9577, 6.4436,
26.8184

184.4296,
162.9573, 300.5089

 5.4330, 3.1167,
17.2056

225.3747,
201.4584, 359.3895

 2.5408, 1.1929,
10.2177

271.9712,

 0.9159, 0.0559,

245.5910, 425.4989

5.4361

324.5845,
295.7396, 499.2556

■ 0.0000, 0.0000,
2.4421

■ 0.0000, 0.0000,
0.8093

■ 51.6894, 41.4718,
99.8883

■ 51.6894, 41.4718,
99.8883

■ 44.2380, 32.0835,
98.4689

■ 60.4369, 52.8538,
101.6242

■ 38.0093, 24.5632,
97.3456

■ 70.5402, 66.3352,
103.6938

■ 32.9280, 18.7782,
96.4968

■ 82.0600, 82.0197,
106.1141

■ 28.9075, 14.5748,
95.8974

95.0500, 100.0000,
108.9000

■ 25.8464, 11.7714,
95.5176

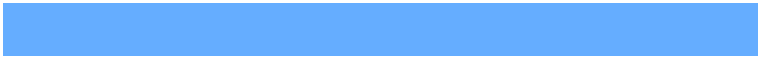
■ 23.5869, 10.0744,
95.3091

■ 23.5866, 10.0742,
95.3091

Harmonies

Analogous

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



41.9895, 41.4718, 118.8195



51.6894, 41.4718, 99.8883



58.7808, 41.4718, 67.6401

Triad

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



51.6894, 41.4718, 99.8883



46.6389, 41.4718, 12.0496



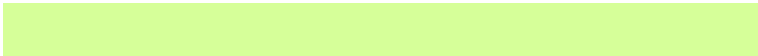
24.0176, 41.4718, 52.7571

Complementary

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



51.6894, 41.4718, 99.8883



69.2417, 88.1162, 43.4972

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.



24.8557, 41.4718, 28.3041



51.6894, 41.4718, 99.8883



36.9531, 41.4718, 10.7323

Square

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



51.6894, 41.4718, 99.8883



55.5553, 41.4718, 20.1067



29.2604, 41.4718, 15.2922



26.7535, 41.4718, 85.3436

Rectangle

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



51.6894, 41.4718, 99.8883



60.5161, 41.4718, 47.0323



29.2604, 41.4718, 15.2922



23.9001, 41.4718, 43.3297

Sweetspot

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



51.6908, 41.4734, 99.8885



79.6384, 78.6996, 105.6009



55.2851, 62.1878, 103.6974



16.7143, 16.3917, 22.5329



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.



51.6908, 41.4734, 99.8885



45.6274, 33.8066, 98.7282



67.0284, 49.3802, 100.6063



17.6941, 17.7340, 22.7404



12.4822, 5.3453, 49.8084



1.3348, 0.5820, 4.8553

Inverse Universe

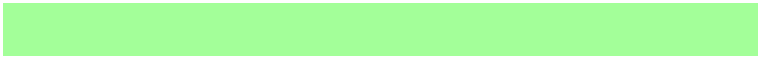
The Inverse Universe completely reimagines the original color for something new.



64.7695, 48.8987, 69.6433



60.6890, 42.3722, 63.2444



56.6560, 81.6280, 42.9082



18.4655, 18.1695, 21.0682



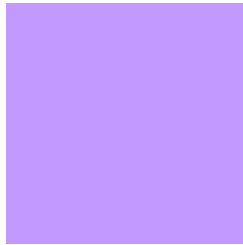
24.6073, 12.3322, 17.1146



2.4500, 1.2224, 1.9511

Previews

White Background



This preview shows how the XYZ color 51.6894, 41.4718, 99.8883 looks on a white background.

Color Contrast Check

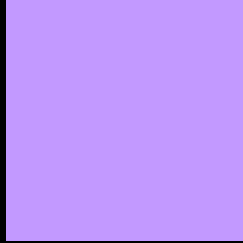
Large Text (above 18pt) WCAG AA × Fail

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 51.6894, 41.4718, 99.8883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

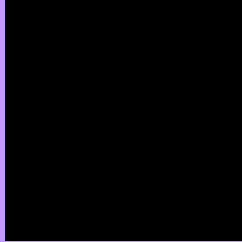
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.6894, 41.4718, 99.8883

Background



This preview shows how black text looks on a background with the XYZ color 51.6894, 41.4718, 99.8883.



This preview shows how white text looks on a background with the XYZ color 51.6894, 41.4718,

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

51.6894, 41.4718, 99.8883

Protanopia

43.7524, 41.8091, 100.3717

Deuteranopia

42.7907, 41.6663, 97.0539



Tritanopia

41.6875, 41.5771, 50.0840

Trichromacy



Original Color

51.6894, 41.4718, 99.8883

Protanomaly

46.2258, 41.4523, 100.1725

Deuteranomaly

45.3434, 41.0528, 97.6296

Tritanomaly

44.8555, 41.2369, 65.9170

Monochromacy



Original Color

51.6894, 41.4718, 99.8883

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

44.5505, 42.4803, 63.6091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6894, 41.4718, 99.8883 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(194, 153, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 153, 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(194, 153, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 153, 255) }
```

Border

The CSS property to change the border of an element to XYZ 51.6894, 41.4718, 99.8883 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(194, 153, 255) }
```


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

```
.border{ border-color:rgb(194, 153, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 153, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 153, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 153, 255); box-shadow:4px 4px 4px 4px rgb(194, 153, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6894, 41.4718, 99.8883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 153, 255) }
```

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

```
.background{ background-color: rgb(194,  
153, 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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