

Converting Colors

XYZ(51.9139, 43.9493, 96.1894)

Have a look what the booklet for
XYZ(51.9139, 43.9493, 96.1894)
contains.

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Color

**XYZ(51.9139, 43.9493,
96.1894)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A2FA
RGB	192, 162, 250
RGB Percent	75%, 64%, 98%
CMY	0.2470, 0.3647, 0.0196
CMYK	0.23, 0.35, 0.00, 0.02
HSL	260°, 90%, 81%
HSV	260°, 35%, 98%
XYZ	51.9139, 43.9493, 96.1894
YIQ	181.0020, -10.3680, 33.7280

Conversions

Conversions Part 2

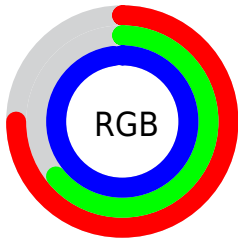
Format	Color
RYB	192, 162, 250
Decimal	12624634
CIELab	72.19, 28.56, -39.85
CIELCh	72, 49.026, 305.636
Yxy	43.9493, 0.2703, 0.2288
Android (android.graphics.Color)	4290814714 (0xFFC0A2FA)
YUV	181.0020, 34.0160, 9.6452
Hunter-Lab	66.2943, 23.7653, -39.6206

Details

The XYZ color **51.9139, 43.9493, 96.1894** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **70.2236, 86.1965, 47.1206**, and the grayscale version is **43.7494, 46.0278, 50.1243**.

A 20% lighter version of the original color is **82.2872, 77.1697, 105.1660**, and **25.5181, 20.3205, 53.0294** is the 20% darker color. If you saturate the color by 10%, you get **43.9991, 33.9695, 94.6810**, and if you desaturate by 10%, it is **61.1743, 55.9241, 98.0134**.

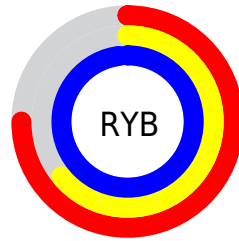
Distribution



Red (75%)

Green (64%)

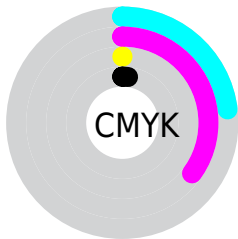
Blue (98%)



Red (75%)

Yellow (64%)

Blue (98%)

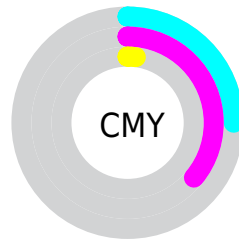


Cyan (23%)

Magenta (35%)

Yellow (0%)

Black (2%)



Cyan (25%)


Magenta (36%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.9139, 43.9493, 96.1894 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 51.9139, 43.9493, 96.1894 by changing the saturation by 10% instead.

 51.9139, 43.9493,
96.1894


 51.9139, 43.9493,
96.1894


384.4335,
362.5013, 569.0471

 37.1604, 30.6307,
72.5230

 92.1792, 81.1414,
157.9165

 25.5060, 20.3178,
53.0965

 118.4218,
105.7837, 196.8142

 16.5852, 12.6262,
37.4916


149.2248,
134.9694, 241.6261

 10.0326, 7.1717,
25.2896

184.9536,
169.0827, 292.7707

 5.4830, 3.5697,
16.0719

225.9735,
208.5082, 350.6665

 2.5710, 1.4359,
9.4202

272.6499,

 0.9312, 0.2430,

253.6302, 415.7322

4.9157

325.3481,
304.8331, 488.3862

■ 0.0000, 0.0000,
2.1400

■ 0.0000, 0.0000,
0.6394

■ 51.9139, 43.9493,
96.1894

■ 51.9139, 43.9493,
96.1894

■ 43.9991, 33.9695,
94.6810

■ 61.1743, 55.9241,
98.0134

■ 37.3577, 25.8672,
93.4671

■ 71.8381, 69.9919,
100.1668

■ 31.9175, 19.5206,
92.5289

■ 83.9651, 86.2504,
102.6658

■ 27.5963, 14.7906,
91.8436

■ 94.2555, 99.6822,
104.7160

■ 24.2999, 11.5160,
91.3853

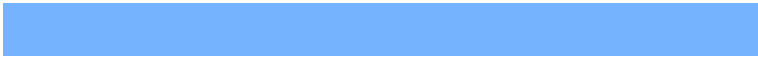
■ 21.9153, 9.4996,
91.1218

■ 21.0225, 8.8442,
91.0423

Harmonies

Analogous

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



43.3798, 43.9493, 110.2746



51.9139, 43.9493, 96.1894



58.2919, 43.9493, 69.6000

Triad

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



51.9139, 43.9493, 96.1894



48.8007, 43.9493, 16.8610



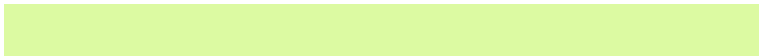
27.6650, 43.9493, 52.5441

Complementary

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



51.9139, 43.9493, 96.1894



70.2236, 86.1965, 47.1206

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.



28.7121, 43.9493, 31.1860



51.9139, 43.9493, 96.1894



40.2054, 43.9493, 14.9901

Square

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



51.9139, 43.9493, 96.1894



56.3324, 43.9493, 25.6346



33.0461, 43.9493, 19.2317



29.9661, 43.9493, 80.2034

Rectangle

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



51.9139, 43.9493, 96.1894



60.0482, 43.9493, 51.4627



33.0461, 43.9493, 19.2317



27.6412, 43.9493, 44.4168

Sweetspot

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



51.9154, 43.9511, 96.1904



80.2679, 80.0515, 105.8287



57.9256, 66.1220, 100.1531



16.8189, 16.6505, 22.5774



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.



51.9154, 43.9511, 96.1904



48.4901, 38.6097, 99.5044



64.5481, 50.4634, 96.7816



16.8408, 16.9306, 21.7656



11.2886, 4.7622, 48.2978



1.1541, 0.4970, 4.4783

Inverse Universe

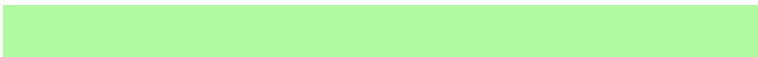
The Inverse Universe completely reimagines the original color for something new.



65.2642, 51.3336, 74.1800



64.5332, 47.4960, 72.4318



58.7642, 80.2890, 46.5843



17.7269, 17.4181, 20.4175



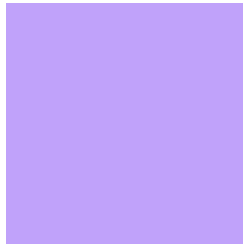
24.5735, 12.2451, 20.2602



2.3256, 1.1540, 2.1378

Previews

White Background



This preview shows how the XYZ color 51.9139, 43.9493, 96.1894 looks on a white background.

Color Contrast Check

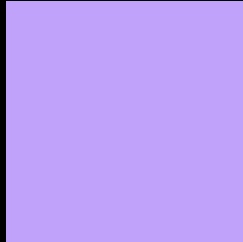
Large Text (above 18pt) WCAG AA × Fail

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 51.9139, 43.9493, 96.1894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

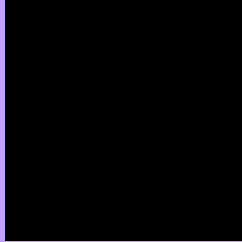
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.9139, 43.9493, 96.1894

Background



This preview shows how black text looks on a background with the XYZ color 51.9139, 43.9493, 96.1894.



This preview shows how white text looks on a background with the XYZ color 51.9139, 43.9493,

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

51.9139, 43.9493, 96.1894

Protanopia

45.9486, 44.0714, 100.6926

Deuteranopia

45.2553, 44.1476, 94.1318



Tritanopia

43.4631, 44.1145, 53.8012

Trichromacy



Original Color

51.9139, 43.9493, 96.1894

Protanomaly

47.8302, 43.9483, 98.8904

Deuteranomaly

47.2544, 43.7423, 94.7595

Tritanomaly

46.1402, 43.7669, 67.6440

Monochromacy



Original Color

51.9139, 43.9493, 96.1894

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

46.2842, 45.0426, 64.6472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9139, 43.9493, 96.1894 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(192, 162, 250)` looks like.

```
.text, #text, p{  
    color:rgb(192, 162, 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(192, 162, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 162, 250) }
```

Border

The CSS property to change the border of an element to XYZ 51.9139, 43.9493, 96.1894 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(192, 162, 250) }
```


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

```
.border{ border-color:rgb(192, 162, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 162, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 162, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 162, 250);  
box-shadow:4px 4px 4px 4px rgb(192, 162,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9139, 43.9493, 96.1894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 162, 250) }
```

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

```
.background{ background-color: rgb(192,  
162, 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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