

Converting Colors

XYZ(51.6423, 43.3210, 99.4065)

Have a look what the booklet for
XYZ(51.6423, 43.3210, 99.4065)
contains.

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Color

**XYZ(51.6954, 43.2445,
99.3883)**

Conversions

Conversions Part 1

Format	Color
Hex	BEA0FE
RGB	190, 160, 254
RGB Percent	75%, 63%, 100%
CMY	0.2549, 0.3725, 0.0039
CMYK	0.25, 0.37, 0.00, 0.00
HSL	259°, 98%, 81%
HSV	259°, 37%, 100%
XYZ	51.6954, 43.2445, 99.3883
YIQ	179.6860, -12.2940, 35.5940

Conversions

Conversions Part 2

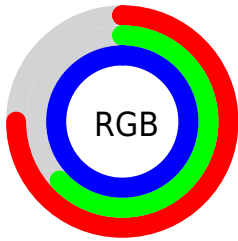
Format	Color
R _Y B	190, 160, 254
Decimal	12493054
CIE _{Lab}	71.72, 30.03, -42.77
CIE _{LCh}	72, 52.258, 305.078
Y _{xy}	43.2445, 0.2660, 0.2225
Android (android.graphics.Color)	4290683134 (0xFFBEA0FE)
Y _{UV}	179.6860, 36.6368, 9.0454
Hunter-Lab	65.7606, 25.2407, -43.5765

Details

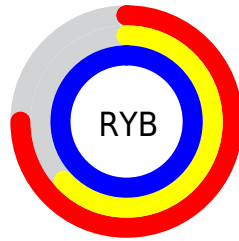
The XYZ color **51.6954, 43.2445, 99.3883** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **72.5284, 89.2699, 46.6675**, and the grayscale version is **43.0302, 45.2711, 49.3003**.

A 20% lighter version of the original color is **81.0618, 75.7773, 104.9618**, and **25.4323, 19.9072, 55.3254** is the 20% darker color. If you saturate the color by 10%, you get **43.6677, 33.2245, 97.8781**, and if you desaturate by 10%, it is **61.1382, 55.3310, 101.2243**.

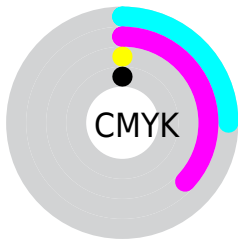
Distribution



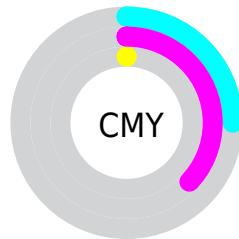
- Red (75%)
- Green (63%)
- Blue (100%)



- Red (75%)
- Yellow (63%)
- Blue (100%)



- Cyan (25%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)





- Cyan (25%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.6954, 43.2445, 99.3883 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 51.6954, 43.2445, 99.3883 by changing the saturation by 10% instead.


 51.6954, 43.2445,
99.3883

 51.6954, 43.2445,
99.3883


383.6029,
359.6163, 579.4596

 36.9856, 30.0770,
75.1757


 91.8588, 80.0797,
162.3609

 25.3700, 19.8970,
55.2543

 118.0430,
104.5162, 201.9579

 16.4831, 12.3202,
39.2054


148.7829,
133.4778, 247.5203

 9.9597, 6.9622,
26.6105

184.4436,
167.3489, 299.4664

 5.4343, 3.4384,
17.0510

225.3907,
206.5139, 358.2148

 2.5416, 1.3647,
10.1085

271.9893,

 0.9163, 0.1905,

251.3572, 424.1842

5.3644

324.6049,
302.2632, 497.7929

■ 0.0000, 0.0000,
2.4002

■ 0.0000, 0.0000,
0.7865

■ 51.6954, 43.2445,
99.3883

■ 51.6954, 43.2445,
99.3883

■ 43.6677, 33.2245,
97.8781

■ 61.1382, 55.3310,
101.2243

■ 36.9774, 25.1463,
96.6715

■ 72.0588, 69.5886,
103.4007

■ 31.5461, 18.8797,
95.7481

■ 84.5218, 86.1208,
105.9349

■ 27.2842, 14.2753,
95.0840

■ 94.8895, 99.9358,
108.0550

■ 24.0886, 11.1590,
94.6510

■ 21.8321, 9.3108,
94.4132

■ 21.2885, 8.9080,
94.3641

Harmonies

Analogous

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



42.6297, 43.2445, 114.3548



51.6954, 43.2445, 99.3883



58.5763, 43.2445, 70.7925

Triad

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



51.6954, 43.2445, 99.3883



48.7103, 43.2445, 15.2437



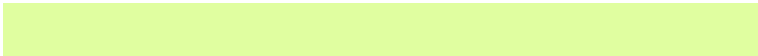
26.3568, 43.2445, 51.5398

Complementary

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



51.6954, 43.2445, 99.3883



72.5284, 89.2699, 46.6675

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.



27.5033, 43.2445, 29.3683



51.6954, 43.2445, 99.3883



39.6124, 43.2445, 13.2820

Square

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



51.6954, 43.2445, 99.3883



56.6866, 43.2445, 24.2372



32.0657, 43.2445, 17.3728



28.6736, 43.2445, 81.0746

Rectangle

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



51.6954, 43.2445, 99.3883



60.5277, 43.2445, 51.3987



32.0657, 43.2445, 17.3728



26.3538, 43.2445, 43.0214

Sweetspot

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



51.6969, 43.2462, 99.3893



80.0650, 79.9470, 105.8192



59.1063, 68.0675, 103.7898



16.7708, 16.6256, 22.5751



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.



51.6969, 43.2462, 99.3893



46.3426, 36.3421, 99.1799



65.3086, 50.2633, 100.0263



17.5487, 17.6591, 22.7336



11.3583, 4.7659, 49.7558



1.2139, 0.5197, 4.8496

Inverse Universe

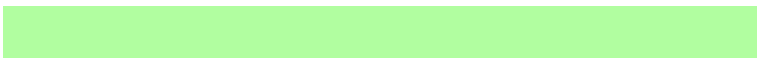
The Inverse Universe completely reimagines the original color for something new.



66.8995, 51.5957, 76.9549



63.8438, 45.9695, 72.6578



59.9729, 82.7973, 46.0799



18.5315, 18.1959, 21.4160



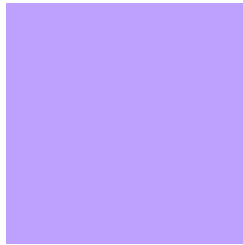
25.5923, 12.7262, 22.3013



2.5416, 1.2590, 2.4336

Previews

White Background



This preview shows how the XYZ color 51.6954, 43.2445, 99.3883 looks on a white background.

Color Contrast Check

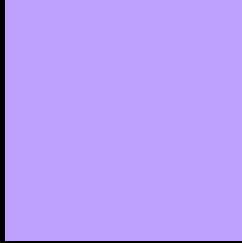
Large Text (above 18pt) WCAG AA × Fail

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 51.6954, 43.2445, 99.3883 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 51.6954, 43.2445, 99.3883

Background



This preview shows how black text looks on a background with the XYZ color 51.6954, 43.2445, 99.3883.



This preview shows how white text looks on a background with the XYZ color 51.6954, 43.2445,

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

51.6954, 43.2445, 99.3883

Protanopia

45.3880, 43.4967, 100.6112

Deuteranopia

44.5813, 43.4402, 97.3019



Tritanopia

42.4658, 43.3249, 53.1381

Trichromacy



Original Color

51.6954, 43.2445, 99.3883

Protanomaly

47.3625, 43.1178, 100.4340

Deuteranomaly

46.8629, 43.1907, 97.9622

Tritanomaly

45.2372, 43.0242, 67.5483

Monochromacy



Original Color

51.6954, 43.2445, 99.3883

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

45.9732, 44.5825, 65.2137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6954, 43.2445, 99.3883 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(190, 160, 254)` looks like.

```
.text, #text, p{  
    color:rgb(190, 160, 254)  
}
```

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(190, 160, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 160, 254) }
```

Border

The CSS property to change the border of an element to XYZ 51.6954, 43.2445, 99.3883 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(190, 160, 254) }
```


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

```
.border{ border-color:rgb(190, 160, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 160, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 160, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 160, 254);  
box-shadow:4px 4px 4px 4px rgb(190, 160,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6954, 43.2445, 99.3883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 160, 254) }
```

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

```
.background{ background-color: rgb(190,  
160, 254) }
```

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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