

Converting Colors

XYZ(54.9955, 43.9856, 99.2947)

Have a look what the booklet for
XYZ(54.9955, 43.9856, 99.2947)
contains.

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Color

**XYZ(54.9547, 43.9118,
99.3453)**

Conversions

Conversions Part 1

Format	Color
Hex	CD9CFE
RGB	205, 156, 254
RGB Percent	80%, 61%, 100%
CMY	0.1961, 0.3882, 0.0039
CMYK	0.19, 0.39, 0.00, 0.00
HSL	270°, 98%, 80%
HSV	270°, 39%, 100%
XYZ	54.9547, 43.9118, 99.3453
YIQ	181.8230, -2.2540, 40.8660

Conversions

Conversions Part 2

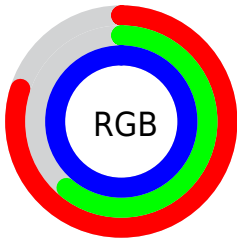
Format	Color
R _Y B	205, 156, 254
Decimal	13475070
CIE _{Lab}	72.17, 36.50, -41.96
CIE _{LCh}	72, 55.618, 311.017
Y _{xy}	43.9118, 0.2773, 0.2215
Android (android.graphics.Color)	4291665150 (0xFFCD9CFE)
Y _{UV}	181.8230, 35.5833, 20.3262
Hunter-Lab	66.2660, 32.0655, -42.5008

Details

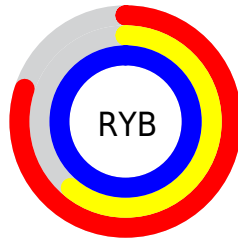
The XYZ color **54.9547, 43.9118, 99.3453** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **66.6205, 86.2640, 44.5936**, and the grayscale version is **44.1820, 46.4830, 50.6199**.

A 20% lighter version of the original color is **82.5843, 75.0685, 104.7448**, and **27.4228, 20.3214, 55.3004** is the 20% darker color. If you saturate the color by 10%, you get **47.7677, 34.5282, 97.9136**, and if you desaturate by 10%, it is **63.3203, 55.2277, 101.0893**.

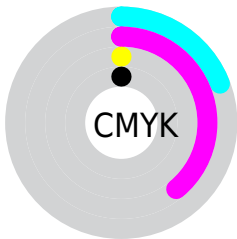
Distribution



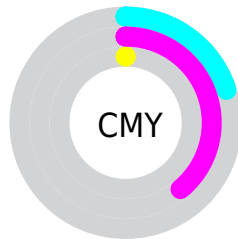
- Red (80%)
- Green (61%)
- Blue (100%)



- Red (80%)
- Yellow (61%)
- Blue (100%)



- Cyan (19%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.9547, 43.9118, 99.3453 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 54.9547, 43.9118, 99.3453 by changing the saturation by 10% instead.


 54.9547, 43.9118,
99.3453

 54.9547, 43.9118,
99.3453


395.8794,
362.3482, 579.3203

 39.5992, 30.6012,
75.1400

 96.6233, 81.0850,
162.3012

 27.4090, 20.2953,
55.2252


 123.6670,
105.7164, 201.8889

 18.0188, 12.6099,
39.1822


155.3376,
134.8901, 247.4413

 11.0632, 7.1605,
26.5926

192.0002,
168.9906, 299.3767

 6.1770, 3.5627,
17.0378

234.0204,
208.4023, 358.1138

 2.9947, 1.4321,
10.0992

281.7634,

 1.1510, 0.2402,

253.5095, 424.0710

5.3583

335.5946,
304.6967, 497.6670

■ 0.0671, 0.0000,
2.3966

■ 0.0000, 0.0000,
0.7846

■ 54.9547, 43.9118,
99.3453

■ 54.9547, 43.9118,
99.3453

■ 47.7677, 34.5282,
97.9136

■ 63.3203, 55.2277,
101.0893

■ 41.6919, 26.9562,
96.7723

■ 72.9174, 68.5763,
103.1600

■ 36.6597, 21.0693,
95.9012

■ 83.8012, 84.0570,
105.5745

■ 32.5927, 16.7218,
95.2764

94.8895, 99.9358,
108.0550

■ 29.3992, 13.7416,
94.8695

■ 26.9520, 11.8858,
94.6403

■ 26.6421, 11.6680,
94.6146

Harmonies

Analogous

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



45.3374, 43.9118, 120.0382



54.9547, 43.9118, 99.3453



61.5730, 43.9118, 66.9956

Triad

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



54.9547, 43.9118, 99.3453



47.9858, 43.9118, 13.3762



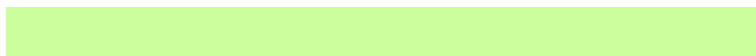
26.2104, 43.9118, 58.5587

Complementary

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



54.9547, 43.9118, 99.3453



66.6205, 86.2640, 44.5936

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.



26.6965, 43.9118, 32.6927



54.9547, 43.9118, 99.3453



38.3321, 43.9118, 12.5852

Square

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



54.9547, 43.9118, 99.3453



57.1456, 43.9118, 20.9792



30.8290, 43.9118, 18.1410



29.3814, 43.9118, 91.1853

Rectangle

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



54.9547, 43.9118, 99.3453



62.8698, 43.9118, 46.8871



30.8290, 43.9118, 18.1410



25.9656, 43.9118, 48.7500

Sweetspot

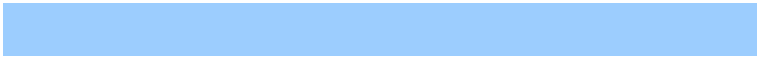
The Sweet Spot groups the original color and five complimentary colors.



54.9562, 43.9136, 99.3463



80.6467, 79.2194, 105.6481



53.4325, 57.8879, 102.1239



16.9512, 16.5138, 22.5440



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.



54.9562, 43.9136, 99.3463



49.9517, 37.0938, 99.1348



70.6520, 52.0050, 100.0808



17.8684, 17.8239, 22.7485



14.2161, 6.2392, 49.8896



1.5101, 0.6724, 4.8635

Inverse Universe

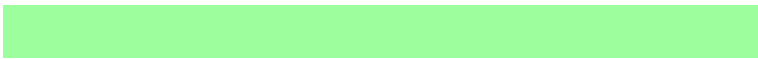
The Inverse Universe completely reimagines the original color for something new.



63.7822, 49.2571, 63.9047



60.2891, 43.3524, 57.6236



55.1542, 80.3529, 44.0569



18.3882, 18.1386, 20.6613



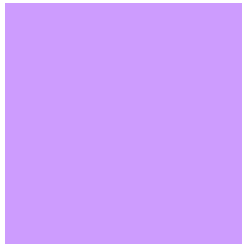
23.6428, 11.9464, 12.0356



2.3571, 1.1852, 1.4621

Previews

White Background



This preview shows how the XYZ color 54.9547, 43.9118, 99.3453 looks on a white background.

Color Contrast Check

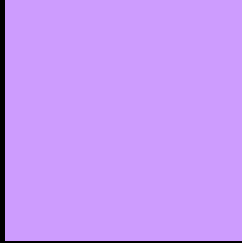
Large Text (above 18pt) WCAG AA × Fail

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 54.9547, 43.9118, 99.3453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

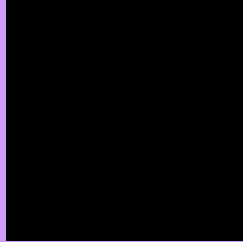
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9547, 43.9118, 99.3453

Background



This preview shows how black text looks on a background with the XYZ color 54.9547, 43.9118, 99.3453.



This preview shows how white text looks on a background with the XYZ color 54.9547, 43.9118,

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

54.9547, 43.9118, 99.3453

Protanopia

46.1425, 44.4593, 100.7573

Deuteranopia

45.3478, 44.1414, 96.5725



Tritanopia

45.2070, 43.9240, 51.4429

Trichromacy



Original Color

54.9547, 43.9118, 99.3453



Protanomaly

48.8472, 43.8832, 100.5035



Deuteranomaly

48.2098, 43.6282, 97.1469

Tritanomaly

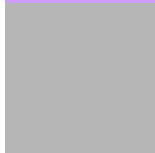
48.1708, 43.7462, 66.2266

Monochromacy



Original Color

54.9547, 43.9118, 99.3453



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

47.5639, 45.3884, 65.9284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9547, 43.9118, 99.3453 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(205, 156, 254)` looks like.

```
.text, #text, p{  
    color:rgb(205, 156, 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(205, 156, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 156, 254) }
```

Border

The CSS property to change the border of an element to XYZ 54.9547, 43.9118, 99.3453 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(205, 156, 254) }
```


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

```
.border{ border-color:rgb(205, 156, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 156, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 156, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 156, 254); box-shadow:4px 4px 4px 4px rgb(205, 156, 254) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9547, 43.9118, 99.3453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 156, 254) }
```

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

```
.background{ background-color: rgb(205,  
156, 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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