

Converting Colors

XYZ(54.5598, 43.5778,
100.1435)

Have a look what the booklet for
XYZ(54.5598, 43.5778, 100.1435)
contains.

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Color

**XYZ(54.5671, 43.6934,
100.1654)**

Conversions

Conversions Part 1

Format	Color
Hex	CB9CFF
RGB	203, 156, 255
RGB Percent	80%, 61%, 100%
CMY	0.2039, 0.3882, 0.0000
CMYK	0.20, 0.39, 0.00, 0.00
HSL	268°, 100%, 81%
HSV	268°, 39%, 100%
XYZ	54.5671, 43.6934, 100.1654
YIQ	181.3390, -3.7670, 40.7530

Conversions

Conversions Part 2

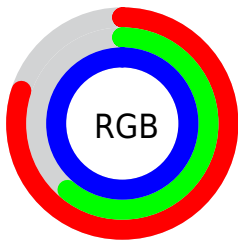
Format	Color
R _Y B	203, 156, 255
Decimal	13343999
CIE Lab	72.02, 36.15, -42.75
CIE LCh	72, 55.985, 310.219
Yxy	43.6934, 0.2750, 0.2202
Android (android.graphics.Color)	4291534079 (0xFFCB9CFF)
YUV	181.3390, 36.3149, 18.9967
Hunter-Lab	66.1010, 31.6770, -43.5738

Details

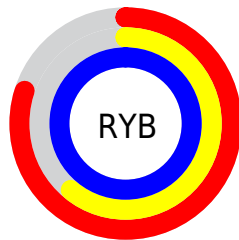
The XYZ color **54.5671, 43.6934, 100.1654** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **67.7737, 87.3304, 44.7385**, and the grayscale version is **43.9167, 46.2038, 50.3159**.

A 20% lighter version of the original color is **82.5843, 75.0685, 104.7448**, and **27.1760, 20.1809, 55.8891** is the 20% darker color. If you saturate the color by 10%, you get **47.2376, 34.2165, 98.7225**, and if you desaturate by 10%, it is **63.1127, 55.1324, 101.9230**.

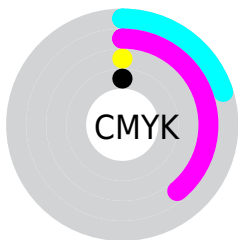
Distribution



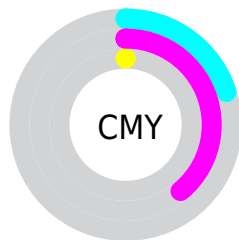
- Red (80%)
- Green (61%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5671, 43.6934, 100.1654 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 54.5671, 43.6934, 100.1654 by changing the saturation by 10% instead.

54.5671, 43.6934,
100.1654

54.5671, 43.6934,
100.1654

394.4320,
361.4557, 581.9740

39.2877, 30.4295,
75.8210

96.0584, 80.7562,
163.4383

27.1653, 20.1649,
55.7800

123.0011,
105.3239, 203.2039

17.8347, 12.5149,
39.6237

154.5622,
134.4284, 248.9471

10.9303, 7.0954,
26.9337

191.1071,
168.4540, 301.0862

6.0869, 3.5218,
17.2915

233.0012,
207.7851, 360.0400

2.9392, 1.4099,
10.2784

280.6098,

1.1217, 0.2240,

252.8062, 426.2268

5.4759

334.2983,
303.9016, 500.0653

■ 0.0431, 0.0000,
2.4655

■ 0.0000, 0.0000,
0.8218

■ 54.5671, 43.6934,
100.1654

■ 54.5671, 43.6934,
100.1654

■ 47.2376, 34.2165,
98.7225

■ 63.1127, 55.1324,
101.9230

■ 41.0553, 26.5792,
97.5742

■ 72.9296, 68.6358,
104.0120

■ 35.9503, 20.6527,
96.6993

■ 84.0743, 84.3046,
106.4490

■ 31.8421, 16.2886,
96.0735

95.0500, 100.0000,
108.9000

■ 28.6363, 13.3117,
95.6679

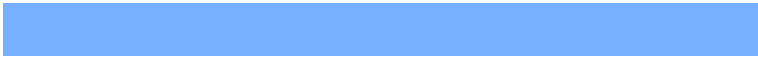
■ 26.1997, 11.4697,
95.4407

■ 25.9441, 11.2895,
95.4194

Harmonies

Analogous

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



44.8770, 43.6934, 120.4779



54.5671, 43.6934, 100.1654



61.3418, 43.6934, 67.7099

Triad

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



54.5671, 43.6934, 100.1654



48.0667, 43.6934, 13.2390



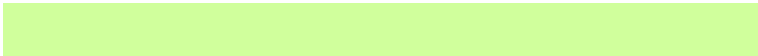
25.9370, 43.6934, 57.5404

Complementary

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



54.5671, 43.6934, 100.1654



67.7737, 87.3304, 44.7385

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.



26.5208, 43.6934, 31.8884



54.5671, 43.6934, 100.1654



38.3523, 43.6934, 12.2942

Square

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



54.5671, 43.6934, 100.1654



57.2080, 43.6934, 21.0327



30.7536, 43.6934, 17.6329



29.0138, 43.6934, 90.3131

Rectangle

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



54.5671, 43.6934, 100.1654



62.7593, 43.6934, 47.3735



30.7536, 43.6934, 17.6329



25.7246, 43.6934, 47.7764

Sweetspot

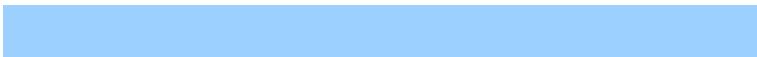
The Sweet Spot groups the original color and five complimentary colors.



54.5685, 43.6951, 100.1657



80.3855, 79.0847, 105.6358



54.5129, 59.7920, 103.2756



16.8898, 16.4821, 22.5411



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.



54.5685, 43.6951, 100.1657



48.4858, 35.8028, 98.9629



69.9754, 51.6377, 100.8867



17.8233, 17.8006, 22.7464



13.7260, 5.9865, 49.8667



1.4615, 0.6474, 4.8612

Inverse Universe

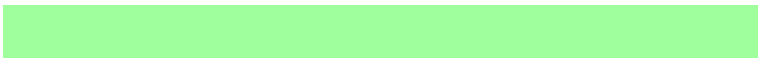
The Inverse Universe completely reimagines the original color for something new.



64.5143, 49.5923, 65.8469



60.1295, 42.7117, 58.5617



56.1194, 81.3224, 44.1931



18.4080, 18.1465, 20.7656



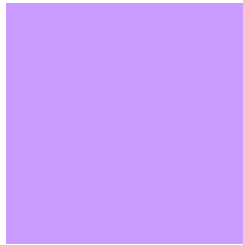
23.8710, 12.0377, 13.2371



2.3795, 1.1942, 1.5797

Previews

White Background



This preview shows how the XYZ color 54.5671, 43.6934, 100.1654 looks on a white background.

Color Contrast Check

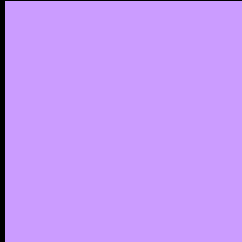
Large Text (above 18pt) WCAG AA × Fail

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 54.5671, 43.6934, 100.1654 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 54.5671, 43.6934, 100.1654

Background



This preview shows how black text looks on a background with the XYZ color 54.5671, 43.6934, 100.1654.



This preview shows how white text looks on a background with the XYZ color 54.5671, 43.6934,

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

54.5671, 43.6934, 100.1654

Protanopia

45.7637, 43.9761, 100.6840

Deuteranopia

45.1370, 44.0145, 97.3835



Tritanopia

44.7005, 43.6629, 51.4192

Trichromacy



Original Color

54.5671, 43.6934, 100.1654



Protanomaly

48.2309, 43.2924, 100.4220



Deuteranomaly

47.9355, 43.4686, 97.9593



Tritanomaly

47.7748, 43.5277, 66.8564

Monochromacy



Original Color

54.5671, 43.6934, 100.1654



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

47.1240, 44.8779, 65.8531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5671, 43.6934, 100.1654 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(203, 156, 255)` looks like.

```
.text, #text, p{  
    color:rgb(203, 156, 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(203, 156, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 156, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.5671, 43.6934, 100.1654 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(203, 156, 255) }
```


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

```
.border{ border-color:rgb(203, 156, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 156, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 156, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 156, 255);  
box-shadow:4px 4px 4px 4px rgb(203, 156,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5671, 43.6934, 100.1654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 156, 255) }
```

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

```
.background{ background-color: rgb(203,  
156, 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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