

Converting Colors

XYZ(54.1599, 44.2420,
100.2928)

Have a look what the booklet for
XYZ(54.1599, 44.2420, 100.2928)
contains.

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Color

**XYZ(54.2676, 44.2956,
100.2974)**

Conversions

Conversions Part 1

Format	Color
Hex	C89FFF
RGB	200, 159, 255
RGB Percent	78%, 62%, 100%
CMY	0.2157, 0.3765, 0.0000
CMYK	0.22, 0.38, 0.00, 0.00
HSL	266°, 100%, 81%
HSV	266°, 38%, 100%
XYZ	54.2676, 44.2956, 100.2974
YIQ	182.2030, -6.3800, 38.5480

Conversions

Conversions Part 2

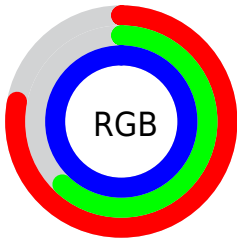
Format	Color
R _Y B	200, 159, 255
Decimal	13148159
CIE _{Lab}	72.43, 33.65, -42.14
CIE _{LCh}	72, 53.930, 308.611
Yxy	44.2956, 0.2729, 0.2227
Android (android.graphics.Color)	4291338239 (0xFFC89FFF)
YUV	182.2030, 35.8889, 15.6080
Hunter-Lab	66.5549, 29.0743, -42.7608

Details

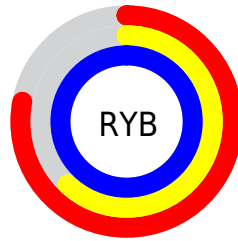
The XYZ color **54.2676, 44.2956, 100.2974** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **69.7500, 88.3195, 46.1737**, and the grayscale version is **44.3884, 46.7000, 50.8563**.

A 20% lighter version of the original color is **83.3366, 76.5731, 104.9955**, and **26.9523, 20.5219, 55.9667** is the 20% darker color. If you saturate the color by 10%, you get **46.6094, 34.4967, 98.8097**, and if you desaturate by 10%, it is **63.2059, 56.0990, 102.1046**.

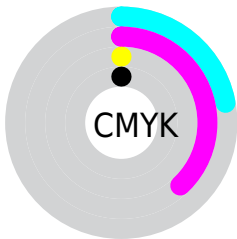
Distribution



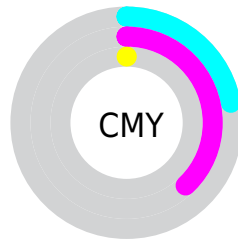
- Red (78%)
- Green (62%)
- Blue (100%)



- Red (78%)
- Yellow (62%)
- Blue (100%)



- Cyan (22%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)





- Cyan (22%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2676, 44.2956, 100.2974 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 54.2676, 44.2956, 100.2974 by changing the saturation by 10% instead.

 54.2676, 44.2956,
100.2974


 54.2676, 44.2956,
100.2974


393.3114,
363.9132, 582.4006

 39.0472, 30.9030,
75.9307

 95.6216, 81.6624,
163.6213

 26.9773, 20.5250,
55.8693


 122.4860,
106.4053, 203.4155

 17.6927, 12.7772,
39.6949


153.9623,
135.7004, 249.1892

 10.8279, 7.2753,
26.9888

190.4159,
169.9322, 301.3611

 6.0177, 3.6349,
17.3324

232.2123,
209.4849, 360.3497

 2.8966, 1.4715,
10.3073

279.7168,

 1.0993, 0.2685,

254.7431, 426.5734

5.4949

333.2947,
306.0910, 500.4508

■ 0.0245, 0.0000,
2.4767

■ 0.0000, 0.0000,
0.8278

■ 54.2676, 44.2956,
100.2974

■ 54.2676, 44.2956,
100.2974

■ 46.6094, 34.4967,
98.8097

■ 63.2059, 56.0990,
102.1046

■ 40.1607, 26.5797,
97.6214

■ 73.4813, 70.0094,
104.2480

■ 34.8498, 20.4163,
96.7117

■ 85.1521, 86.1282,
106.7442

■ 30.5945, 15.8592,
96.0564

95.0500, 100.0000,
108.9000

■ 27.2994, 12.7353,
95.6271

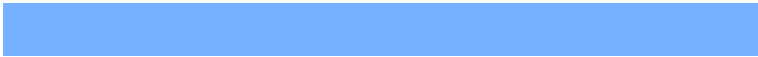
■ 24.8417, 10.8180,
95.3865

■ 24.3455, 10.4655,
95.3446

Harmonies

Analogous

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



44.8345, 44.2956, 118.5982



54.2676, 44.2956, 100.2974



61.0308, 44.2956, 69.4080

Triad

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



54.2676, 44.2956, 100.2974



48.9614, 44.2956, 14.5468



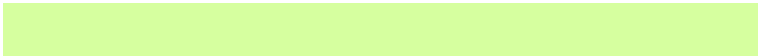
26.7884, 44.2956, 56.3067

Complementary

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



54.2676, 44.2956, 100.2974



69.7500, 88.3195, 46.1737

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.



27.5572, 44.2956, 31.8688



54.2676, 44.2956, 100.2974



39.4821, 44.2956, 13.2607

Square

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



54.2676, 44.2956, 100.2974



57.6672, 44.2956, 22.8226



31.9051, 44.2956, 18.2726



29.6240, 44.2956, 87.7387

Rectangle

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



54.2676, 44.2956, 100.2974



62.6141, 44.2956, 49.4817



31.9051, 44.2956, 18.2726



26.6436, 44.2956, 47.0003

Sweetspot

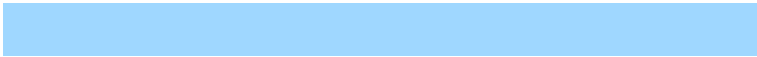
The Sweet Spot groups the original color and five complimentary colors.



54.2690, 44.2973, 100.2977



81.0784, 80.4694, 105.8666



56.6496, 63.1929, 103.8194



17.0115, 16.7497, 22.5864



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.



54.2690, 44.2973, 100.2977



48.5153, 36.9013, 99.1734



68.8066, 51.7917, 100.9780



17.7386, 17.7570, 22.7425



12.8836, 5.5522, 49.8272



1.3763, 0.6034, 4.8572

Inverse Universe

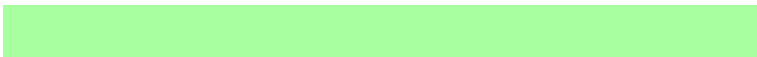
The Inverse Universe completely reimagines the original color for something new.



65.7764, 50.9126, 69.9789



61.7941, 44.5451, 63.7279



57.9554, 82.2392, 45.6217



18.4456, 18.1615, 20.9634



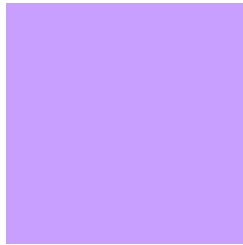
24.3398, 12.2252, 15.7057



2.4246, 1.2122, 1.8174

Previews

White Background



This preview shows how the XYZ color 54.2676, 44.2956, 100.2974 looks on a white background.

Color Contrast Check

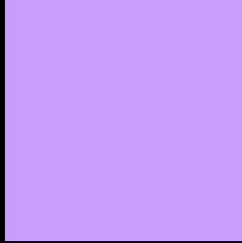
Large Text (above 18pt) WCAG AA × Fail

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 54.2676, 44.2956, 100.2974 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 54.2676, 44.2956, 100.2974

Background



This preview shows how black text looks on a background with the XYZ color 54.2676, 44.2956, 100.2974.



This preview shows how white text looks on a background with the XYZ color 54.2676, 44.2956,

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

54.2676, 44.2956, 100.2974

Protanopia

46.3289, 44.5553, 100.7660

Deuteranopia

45.8585, 44.6583, 98.2984



Tritanopia

44.6522, 44.1664, 53.1852

Trichromacy



Original Color

54.2676, 44.2956, 100.2974



Protanomaly

48.6002, 44.0310, 100.5451



Deuteranomaly

48.4665, 44.2763, 98.9202



Tritanomaly

47.6245, 43.9652, 68.2634

Monochromacy



Original Color

54.2676, 44.2956, 100.2974



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

47.6309, 45.6944, 66.6311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2676, 44.2956, 100.2974 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(200, 159, 255)` looks like.

```
.text, #text, p{  
    color:rgb(200, 159, 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(200, 159, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 159, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.2676, 44.2956, 100.2974 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(200, 159, 255) }
```


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

```
.border{ border-color:rgb(200, 159, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 159, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 159, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 159, 255);  
box-shadow:4px 4px 4px 4px rgb(200, 159,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2676, 44.2956, 100.2974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 159, 255) }
```

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

```
.background{ background-color: rgb(200,  
159, 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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