

Converting Colors

XYZ(54.0969, 44.2200, 95.5992)

Have a look what the booklet for
XYZ(54.0969, 44.2200, 95.5992)
contains.

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Color

**XYZ(54.1256, 44.3323,
95.3268)**

Conversions

Conversions Part 1

Format	Color
Hex	CB9FF9
RGB	203, 159, 249
RGB Percent	80%, 62%, 98%
CMY	0.2039, 0.3765, 0.0235
CMYK	0.18, 0.36, 0.00, 0.02
HSL	269°, 88%, 80%
HSV	269°, 36%, 98%
XYZ	54.1256, 44.3323, 95.3268
YIQ	182.4160, -2.6660, 37.3180

Conversions

Conversions Part 2

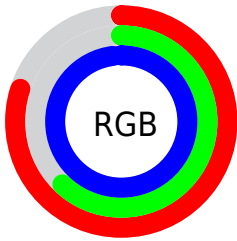
Format	Color
RYB	203, 159, 249
Decimal	13344761
CIELab	72.45, 33.19, -38.83
CIELCh	72, 51.079, 310.520
Yxy	44.3323, 0.2793, 0.2288
Android (android.graphics.Color)	4291534841 (0xFFCB9FF9)
YUV	182.4160, 32.8259, 18.0522
Hunter-Lab	66.5825, 28.5851, -38.2783

Details

The XYZ color **54.1256, 44.3323, 95.3268** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **65.3118, 83.2347, 45.4263**, and the grayscale version is **44.5190, 46.8375, 51.0060**.

A 20% lighter version of the original color is **83.3366, 76.5731, 104.9955**, and **26.8047, 20.5242, 52.4180** is the 20% darker color. If you saturate the color by 10%, you get **46.9427, 34.9012, 93.8857**, and if you desaturate by 10%, it is **62.4585, 55.6384, 97.0706**.

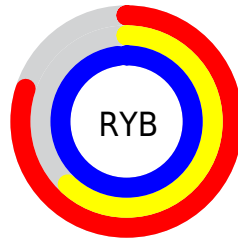
Distribution



Red (80%)

Green (62%)

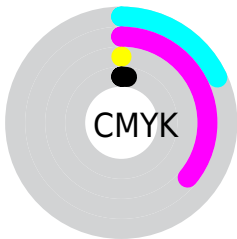
Blue (98%)



Red (80%)

Yellow (62%)

Blue (98%)

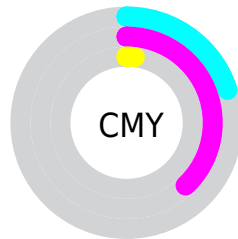


Cyan (18%)

Magenta (36%)

Yellow (0%)

Black (2%)



Cyan (20%)

Magenta (38%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.1256, 44.3323, 95.3268 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 54.1256, 44.3323, 95.3268 by changing the saturation by 10% instead.


 54.1256, 44.3323,
95.3268


 54.1256, 44.3323,
95.3268


392.7793,
364.0626, 566.2217

 38.9332, 30.9318,
71.8086

 95.4145, 81.7175,
156.7155

 26.8882, 20.5469,
52.5165


 122.2416,
106.4711, 195.4230

 17.6254, 12.7932,
37.0318


153.6776,
135.7778, 240.0308

 10.7795, 7.2863,
24.9362

190.0880,
170.0221, 290.9573

 5.9849, 3.6418,
15.8109

231.8379,
209.5883, 348.6211

 2.8765, 1.4753,
9.2375

279.2929,

 1.0888, 0.2712,

254.8609, 413.4408

4.7975

332.8183,
306.2242, 485.8348

■ 0.0157, 0.0000,
2.0723

■ 0.0000, 0.0000,
0.5992

■ 54.1256, 44.3323,
95.3268

■ 54.1256, 44.3323,
95.3268

■ 46.9427, 34.9012,
93.8857

■ 62.4585, 55.6384,
97.0706

■ 40.8462, 27.2321,
92.7268

■ 71.9912, 68.9131,
99.1305

■ 35.7731, 21.2078,
91.8313

■ 82.7757, 84.2499,
101.5224

■ 31.6506, 16.6938,
91.1773

■ 93.6989, 99.4133,
103.8735

■ 28.3948, 13.5335,
90.7389

■ 94.0990, 99.6196,
103.8922

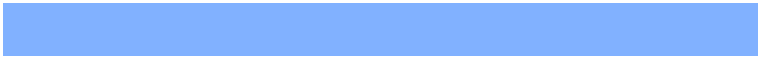
■ 25.9025, 11.5327,
90.4841

■ 25.0875, 10.9578,
90.4161

Harmonies

Analogous

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



45.3048, 44.3323, 113.3868



54.1256, 44.3323, 95.3268



60.2047, 44.3323, 66.3194

Triad

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



54.1256, 44.3323, 95.3268



48.0405, 44.3323, 15.4628



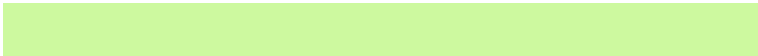
27.5823, 44.3323, 57.6783

Complementary

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



54.1256, 44.3323, 95.3268



65.3118, 83.2347, 45.4263

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.



28.1018, 44.3323, 33.8347



54.1256, 44.3323, 95.3268



39.1195, 44.3323, 14.5626

Square

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



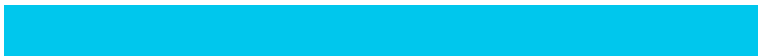
54.1256, 44.3323, 95.3268



56.3667, 44.3323, 23.1175



32.0631, 44.3323, 19.9902



30.5288, 44.3323, 87.1387

Rectangle

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



54.1256, 44.3323, 95.3268



61.4420, 44.3323, 47.8318



32.0631, 44.3323, 19.9902



27.3687, 44.3323, 48.7116

Sweetspot

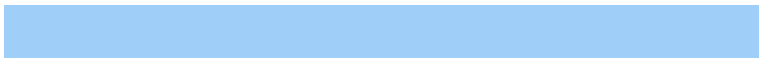
The Sweet Spot groups the original color and five complimentary colors.



54.1271, 44.3341, 95.3278



81.6662, 80.7724, 105.8941



53.3496, 58.1143, 98.0286



17.1513, 16.8218, 22.5929



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.



54.1271, 44.3341, 95.3278



51.7707, 39.7141, 99.5447



68.0325, 51.5026, 95.9786



17.0910, 17.0595, 21.7773



13.5918, 5.9495, 48.4056



1.3808, 0.6139, 4.4889

Inverse Universe

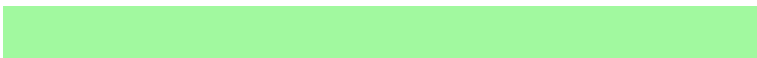
The Inverse Universe completely reimagines the original color for something new.



62.4858, 49.3454, 63.9903



62.0079, 45.8535, 61.0836



54.7325, 77.7809, 44.9312



17.6149, 17.3733, 19.8278



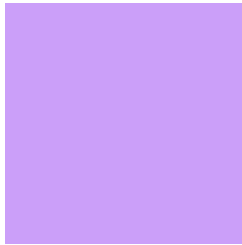
23.0439, 11.6333, 12.2053



2.1878, 1.0989, 1.4125

Previews

White Background



This preview shows how the XYZ color 54.1256, 44.3323, 95.3268 looks on a white background.

Color Contrast Check

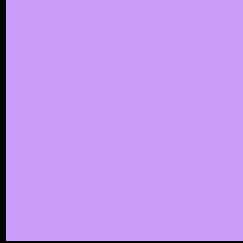
Large Text (above 18pt) WCAG AA × Fail

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 54.1256, 44.3323, 95.3268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

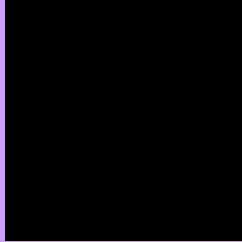
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.1256, 44.3323, 95.3268

Background



This preview shows how black text looks on a background with the XYZ color 54.1256, 44.3323, 95.3268.



This preview shows how white text looks on a background with the XYZ color 54.1256, 44.3323,

95.3268.

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

54.1256, 44.3323, 95.3268

Protanopia

46.3289, 44.5553, 100.7660

Deuteranopia

45.8702, 44.7724, 93.4131



Tritanopia

45.3537, 44.2567, 52.6064

Trichromacy



Original Color

54.1256, 44.3323, 95.3268



Protanomaly

48.7122, 44.1257, 98.8782



Deuteranomaly

48.3968, 44.3491, 94.0051

Tritanomaly

48.0923, 43.9766, 66.2752

Monochromacy



Original Color

54.1256, 44.3323, 95.3268



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

47.5118, 45.6755, 64.7046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1256, 44.3323, 95.3268 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, 159, 249)` looks like.

```
.text, #text, p{  
    color:rgb(203, 159, 249)  
}
```

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, 159, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 159, 249) }
```

Border

The CSS property to change the border of an element to XYZ 54.1256, 44.3323, 95.3268 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, 159, 249) }
```


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

```
.border{ border-color:rgb(203, 159, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 159, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 159, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 159, 249);  
box-shadow:4px 4px 4px 4px rgb(203, 159,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1256, 44.3323, 95.3268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 159, 249) }
```

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

```
.background{ background-color: rgb(203,  
159, 249) }
```

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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