

Converting Colors

XYZ(54.7976, 38.5614, 99.1627)

Have a look what the booklet for
XYZ(54.7976, 38.5614, 99.1627)
contains.

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Color

**XYZ(54.7564, 38.5940,
99.1711)**

Conversions

Conversions Part 1

Format	Color
Hex	D885FF
RGB	216, 133, 255
RGB Percent	85%, 52%, 100%
CMY	0.1529, 0.4784, 0.0000
CMYK	0.15, 0.48, 0.00, 0.00
HSL	281°, 100%, 76%
HSV	281°, 48%, 100%
XYZ	54.7564, 38.5940, 99.1711
YIQ	171.7250, 10.3060, 55.5380

Conversions

Conversions Part 2

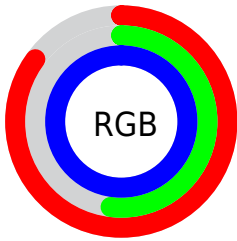
Format	Color
R _Y B	216, 133, 255
Decimal	14190079
CIE Lab	68.46, 52.01, -48.25
CIE LCh	68, 70.943, 317.143
Yxy	38.5940, 0.2844, 0.2005
Android (android.graphics.Color)	4292380159 (0xFFD885FF)
YUV	171.7250, 41.0546, 38.8292
Hunter-Lab	62.1241, 48.6135, -51.1601

Details

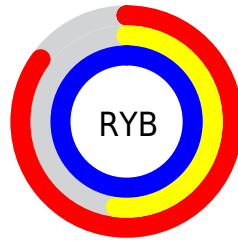
The XYZ color **54.7564, 38.5940, 99.1711** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **57.0077, 81.9845, 35.0119**, and the grayscale version is **38.8707, 40.8950, 44.5347**.

A 20% lighter version of the original color is **77.2732, 64.4464, 102.9744**, and **27.3598, 17.1855, 55.3012** is the 20% darker color. If you saturate the color by 10%, you get **49.3309, 31.2292, 98.0355**, and if you desaturate by 10%, it is **61.1512, 47.7180, 100.5952**.

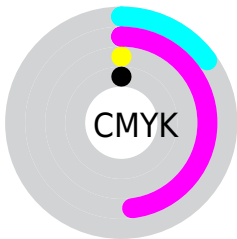
Distribution



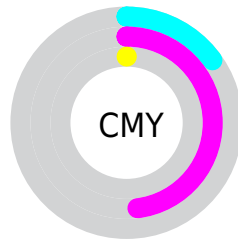
- Red (85%)
- Green (52%)
- Blue (100%)



- Red (85%)
- Yellow (52%)
- Blue (100%)



- Cyan (15%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)





- Cyan (15%)
- Magenta (48%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.7564, 38.5940, 99.1711 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 54.7564, 38.5940, 99.1711 by changing the saturation by 10% instead.


 54.7564, 38.5940,
99.1711

 54.7564, 38.5940,
99.1711


395.1393,
340.1613, 578.7558

 39.4398, 26.4440,
74.9954


 96.3344, 73.0177,
162.0595

 27.2843, 17.1561,
55.1075


 123.3264, 96.0602,
201.6094

 17.9245, 10.3459,
39.0886


 154.9410,
123.5023, 247.1211

 10.9952, 5.6289,
26.5203

191.5435,
155.7285, 299.0132

 6.1309, 2.6208,
16.9840

233.4992,
193.1230, 357.7041

 2.9662, 0.9371,
10.0613

281.1735,

 1.1359, 0.0000,

236.0704, 423.6125

5.3335

334.9318,
284.9550, 497.1569

■ 0.0549, 0.0000,
2.3821

■ 0.0000, 0.0000,
0.7767

■ 54.7564, 38.5940,
99.1711

■ 54.7564, 38.5940,
99.1711

■ 49.3309, 31.2292,
98.0355

■ 61.1512, 47.7180,
100.5952

■ 44.8068, 25.4933,
97.1669

■ 68.5693, 58.7097,
102.3259

■ 41.1127, 21.2450,
96.5416

■ 77.0648, 71.6741,
104.3805

■ 38.1630, 18.3162,
96.1317

■ 86.6870, 86.7070,
106.7750

■ 35.8440, 16.4818,
95.8999

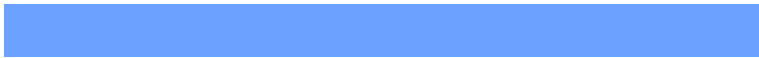
95.0500, 100.0000,
108.9000

■ 35.3911, 16.1597,
95.8616

Harmonies

Analogous

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



43.3739, 38.5940, 132.2776



54.7564, 38.5940, 99.1711



61.8149, 38.5940, 57.2245

Triad

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



54.7564, 38.5940, 99.1711



41.6645, 38.5940, 6.0812



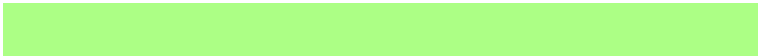
19.7686, 38.5940, 62.8507

Complementary

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



54.7564, 38.5940, 99.1711



57.0077, 81.9845, 35.0119

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.



19.4950, 38.5940, 29.7834



54.7564, 38.5940, 99.1711



30.7172, 38.5940, 6.4149

Square

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



54.7564, 38.5940, 99.1711



53.2883, 38.5940, 11.1640



23.1003, 38.5940, 12.5609



23.9436, 38.5940, 105.0409

Rectangle

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



54.7564, 38.5940, 99.1711



62.3421, 38.5940, 34.8382



23.1003, 38.5940, 12.5609



19.2524, 38.5940, 50.1318

Sweetspot

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



54.7577, 38.5955, 99.1714



80.6253, 77.1992, 105.2593



42.7959, 42.3515, 100.5268



16.8247, 15.8515, 22.4228



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.



54.7577, 38.5955, 99.1714



49.7518, 31.7843, 98.1205



64.5755, 44.0152, 83.4378



18.1949, 17.9922, 22.7638



18.6549, 8.5275, 50.0973



1.9302, 0.8890, 4.8831

Inverse Universe

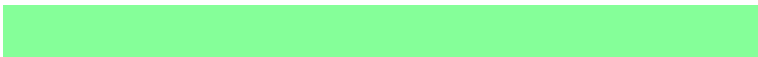
The Inverse Universe completely reimagines the original color for something new.



57.0747, 41.0149, 43.9393



52.7886, 34.7406, 35.4262



51.2112, 78.8180, 42.7974



18.2486, 18.0828, 19.9265



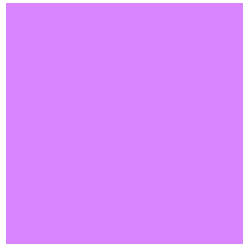
22.3948, 11.4472, 5.4633



2.2278, 1.1335, 0.7810

Previews

White Background



This preview shows how the XYZ color 54.7564, 38.5940, 99.1711 looks on a white background.

Color Contrast Check

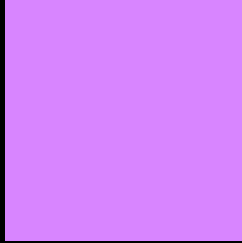
Large Text (above 18pt) WCAG AA × Fail

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 54.7564, 38.5940, 99.1711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

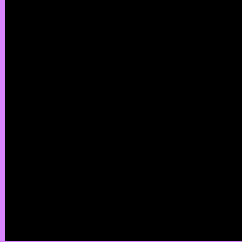
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.7564, 38.5940, 99.1711

Background



This preview shows how black text looks on a background with the XYZ color 54.7564, 38.5940, 99.1711.



This preview shows how white text looks on a background with the XYZ color 54.7564, 38.5940,

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

54.7564, 38.5940, 99.1711

Protanopia

41.1570, 38.8393, 99.9353

Deuteranopia

40.0952, 38.9373, 95.0249



Tritanopia

42.7957, 38.4209, 41.2368

Trichromacy



Original Color

54.7564, 38.5940, 99.1711



Protanomaly

44.7511, 37.8950, 99.5636



Deuteranomaly

43.8685, 37.7576, 96.2426

Tritanomaly

46.2041, 37.9004, 58.3064

Monochromacy



Original Color

54.7564, 38.5940, 99.1711



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

43.6266, 39.4094, 61.1845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7564, 38.5940, 99.1711 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(216, 133, 255)` looks like.

```
.text, #text, p{  
    color:rgb(216, 133, 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(216, 133, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 133, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.7564, 38.5940, 99.1711 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(216, 133, 255) }
```


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

```
.border{ border-color:rgb(216, 133, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 133, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 133, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 133, 255);  
box-shadow:4px 4px 4px 4px rgb(216, 133,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7564, 38.5940, 99.1711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 133, 255) }
```

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

```
.background{ background-color: rgb(216,  
133, 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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