

Converting Colors

XYZ(63.8510, 43.9584,
148.2092)

Have a look what the booklet for
XYZ(63.8510, 43.9584, 148.2092)
contains.

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Color

**XYZ(54.4388, 40.1186,
99.4822)**

Conversions

Conversions Part 1

Format	Color
Hex	D38DFF
RGB	211, 141, 255
RGB Percent	83%, 55%, 100%
CMY	0.1725, 0.4470, 0.0000
CMYK	0.17, 0.45, 0.00, 0.00
HSL	277°, 100%, 78%
HSV	277°, 45%, 100%
XYZ	54.4388, 40.1186, 99.4822
YIQ	174.9260, 5.1260, 50.2940

Conversions

Conversions Part 2

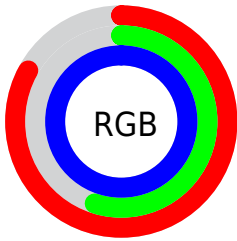
Format	Color
R _Y B	211, 141, 255
Decimal	13864447
CIE Lab	69.55, 46.47, -46.56
CIE LCh	70, 65.783, 314.941
Yxy	40.1186, 0.2806, 0.2068
Android (android.graphics.Color)	4292054527 (0xFFD38DFF)
YUV	174.9260, 39.4765, 31.6369
Hunter-Lab	63.3392, 42.5735, -48.7849

Details

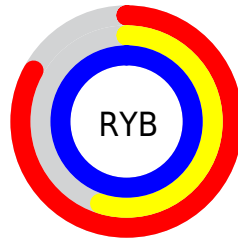
The XYZ color **54.4388, 40.1186, 99.4822** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **60.5760, 83.7577, 38.1750**, and the grayscale version is **40.5111, 42.6208, 46.4140**.

A 20% lighter version of the original color is **79.0299, 67.9599, 103.5600**, and **27.0918, 18.0920, 55.4903** is the 20% darker color. If you saturate the color by 10%, you get **48.3689, 32.0365, 98.2421**, and if you desaturate by 10%, it is **61.5494, 50.0238, 101.0193**.

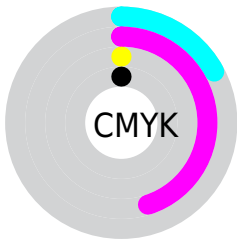
Distribution



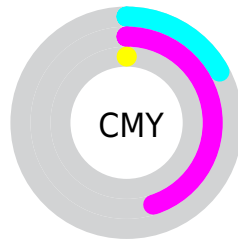
- Red (83%)
- Green (55%)
- Blue (100%)



- Red (83%)
- Yellow (55%)
- Blue (100%)



- Cyan (17%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)





- Cyan (17%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4388, 40.1186, 99.4822 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 54.4388, 40.1186, 99.4822 by changing the saturation by 10% instead.


 54.4388, 40.1186,
99.4822


 54.4388, 40.1186,
99.4822


393.9522,
346.6232, 579.7638

 39.1846, 27.6310,
75.2537

 95.8713, 75.3441,
162.4911

 27.0848, 18.0477,
55.3178


 122.7805, 98.8508,
202.1086

 17.7738, 10.9842,
39.2559


 154.3053,
126.7993, 247.6928

 10.8864, 6.0562,
26.6495

190.8111,
159.5741, 299.6623

 6.0572, 2.8793,
17.0800

232.6634,
197.5594, 358.4356

 2.9209, 1.0691,
10.1290

280.2274,

 1.1121, 0.0000,

241.1398, 424.4312

5.3779

333.8686,
290.6996, 498.0678

■ 0.0352, 0.0000,
2.4080

■ 0.0000, 0.0000,
0.7908

■ 54.4388, 40.1186,
99.4822

■ 54.4388, 40.1186,
99.4822

■ 48.3689, 32.0365,
98.2421

■ 61.5494, 50.0238,
101.0193

■ 43.2726, 25.6507,
97.2781

■ 69.7543, 61.8578,
102.8710

■ 39.0800, 20.8254,
96.5677

■ 79.1077, 75.7238,
105.0545

■ 35.7088, 17.4007,
96.0843

■ 89.6589, 91.7160,
107.5852

■ 33.0587, 15.1806, 95.0500, 100.0000,
95.7955 108.9000

■ 31.8730, 14.3460,
95.6969

Harmonies

Analogous

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



43.6385, 40.1186, 127.9740



54.4388, 40.1186, 99.4822



61.4265, 40.1186, 60.6937

Triad

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



54.4388, 40.1186, 99.4822



43.6829, 40.1186, 8.0620



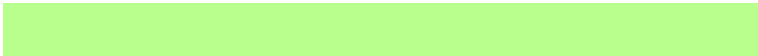
21.6181, 40.1186, 60.5492

Complementary

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



54.4388, 40.1186, 99.4822



60.5760, 83.7577, 38.1750

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.



21.6255, 40.1186, 30.1897



54.4388, 40.1186, 99.4822



33.1085, 40.1186, 8.0520

Square

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



54.4388, 40.1186, 99.4822



54.4764, 40.1186, 14.0391



25.4570, 40.1186, 13.9993



25.4343, 40.1186, 99.3351

Rectangle

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



54.4388, 40.1186, 99.4822



62.2893, 40.1186, 38.8395



25.4570, 40.1186, 13.9993



21.2001, 40.1186, 48.9119

Sweetspot

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



54.4401, 40.1202, 99.4824



80.8200, 78.2965, 105.4608



46.7213, 48.2553, 101.4595



16.8256, 16.0480, 22.4607



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.



54.4401, 40.1202, 99.4824



48.7638, 32.5488, 98.3201



67.0340, 46.8183, 90.7739



18.0740, 17.9299, 22.7582



16.8263, 7.5848, 50.0117



1.7605, 0.8015, 4.8752

Inverse Universe

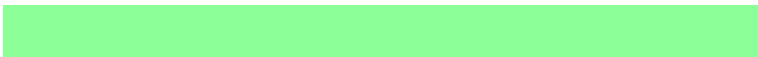
The Inverse Universe completely reimagines the original color for something new.



59.5226, 43.8138, 51.2196



54.9343, 36.9718, 42.4929



52.4458, 79.4633, 42.4532



18.2995, 18.1031, 20.1945



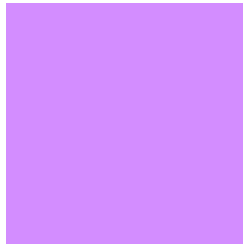
22.7786, 11.6007, 7.4844



2.2694, 1.1501, 0.9999

Previews

White Background



This preview shows how the XYZ color 54.4388, 40.1186, 99.4822 looks on a white background.

Color Contrast Check

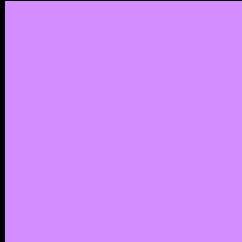
Large Text (above 18pt) WCAG AA × Fail

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 54.4388, 40.1186, 99.4822 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 54.4388, 40.1186, 99.4822

Background



This preview shows how black text looks on a background with the XYZ color 54.4388, 40.1186, 99.4822.



This preview shows how white text looks on a background with the XYZ color 54.4388, 40.1186,

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

54.4388, 40.1186, 99.4822

Protanopia

42.5162, 40.3464, 100.1545

Deuteranopia

41.6034, 40.5339, 95.2536



Tritanopia

43.3059, 40.1259, 44.4923

Trichromacy



Original Color

54.4388, 40.1186, 99.4822



Protanomaly

45.7939, 39.6731, 99.8518



Deuteranomaly

45.1206, 39.6538, 96.5426

Tritanomaly

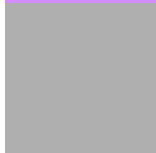
46.6805, 39.7432, 61.0880

Monochromacy



Original Color

54.4388, 40.1186, 99.4822



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

44.7353, 41.2454, 62.7301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4388, 40.1186, 99.4822 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(211, 141, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 141, 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(211, 141, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 141, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.4388, 40.1186, 99.4822 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(211, 141, 255) }
```


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

```
.border{ border-color:rgb(211, 141, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 141, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 141, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 141, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 141,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4388, 40.1186, 99.4822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 141, 255) }
```

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

```
.background{ background-color: rgb(211,  
141, 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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