

Converting Colors

XYZ(59.8067, 43.7885,
125.5935)

Have a look what the booklet for
XYZ(59.8067, 43.7885, 125.5935)
contains.

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Color

**XYZ(54.9344, 41.9551,
99.8105)**

Conversions

Conversions Part 1

Format	Color
Hex	D194FF
RGB	209, 148, 255
RGB Percent	82%, 58%, 100%
CMY	0.1804, 0.4196, 0.0000
CMYK	0.18, 0.42, 0.00, 0.00
HSL	274°, 100%, 79%
HSV	274°, 42%, 100%
XYZ	54.9344, 41.9551, 99.8105
YIQ	178.4370, 2.0090, 46.2090

Conversions

Conversions Part 2

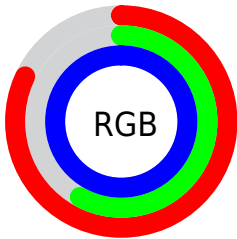
Format	Color
R _Y B	209, 148, 255
Decimal	13735167
CIE _{Lab}	70.84, 42.18, -44.56
CIE _{LCh}	71, 61.357, 313.429
Y _{xy}	41.9551, 0.2793, 0.2133
Android (android.graphics.Color)	4291925247 (0xFFD194FF)
Y _{UV}	178.4370, 37.7456, 26.8038
Hunter-Lab	64.7728, 38.0352, -46.0210

Details

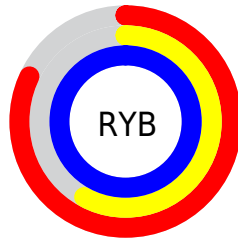
The XYZ color **54.9344, 41.9551, 99.8105** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **63.3541, 85.1278, 41.1108**, and the grayscale version is **42.3551, 44.5608, 48.5267**.

A 20% lighter version of the original color is **80.6459, 71.1919, 104.0986**, and **27.5128, 19.2153, 55.6849** is the 20% darker color. If you saturate the color by 10%, you get **48.3709, 33.2744, 98.4809**, and if you desaturate by 10%, it is **62.5950, 52.5110, 101.4443**.

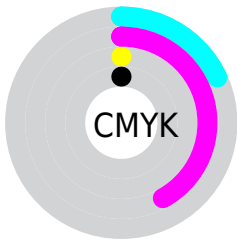
Distribution



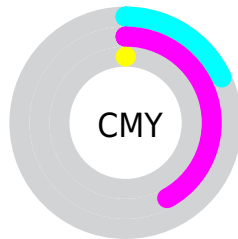
- Red (82%)
- Green (58%)
- Blue (100%)



- Red (82%)
- Yellow (58%)
- Blue (100%)



- Cyan (18%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)





- Cyan (18%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.9344, 41.9551, 99.8105 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 54.9344, 41.9551, 99.8105 by changing the saturation by 10% instead.


 54.9344, 41.9551,
99.8105


 54.9344, 41.9551,
99.8105

395.8037,
354.2968, 580.8264

 39.5828, 29.0661,
75.5263

 96.5937, 78.1317,
162.9463

 27.3962, 19.1309,
55.5398


 123.6322,
102.1881, 202.6351

 18.0091, 11.7649,
39.4326


155.2970,
130.7357, 248.2957

 11.0563, 6.5838,
26.7860

191.9535,
164.1590, 300.3468

 6.1723, 3.2032,
17.1815

233.9671,
202.8424, 359.2068

 2.9918, 1.2387,
10.2007

281.7031,

 1.1494, 0.0930,

247.1702, 425.2945

5.4249

335.5268,
297.5269, 499.0281

■ 0.0659, 0.0000,
2.4356

■ 0.0000, 0.0000,
0.8057

■ 54.9344, 41.9551,
99.8105

■ 54.9344, 41.9551,
99.8105

■ 48.3709, 33.2744,
98.4809

■ 62.5950, 52.5110,
101.4443

■ 42.8376, 26.3447,
97.4350

■ 71.4059, 65.0455,
103.3993

■ 38.2661, 21.0344,
96.6509

■ 81.4215, 79.6604,
105.6924

■ 34.5761, 17.1901,
96.1034

■ 92.6911, 96.4486,
108.3388

■ 31.6719, 14.6270, 95.0500, 100.0000,
95.7617 108.9000

■ 29.7934, 13.2740,
95.5996

Harmonies

Analogous

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



44.6070, 41.9551, 124.9751



54.9344, 41.9551, 99.8105



61.7804, 41.9551, 63.6443

Triad

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



54.9344, 41.9551, 99.8105



45.7354, 41.9551, 10.2277



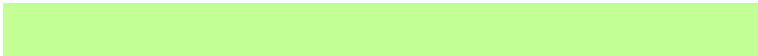
23.6827, 41.9551, 60.0060

Complementary

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



54.9344, 41.9551, 99.8105



63.3541, 85.1278, 41.1108

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.



23.8798, 41.9551, 31.4637



54.9344, 41.9551, 99.8105



35.4939, 41.9551, 9.9366

Square

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



54.9344, 41.9551, 99.8105



55.8810, 41.9551, 16.9286



27.8581, 41.9551, 15.8300



27.2638, 41.9551, 96.1892

Rectangle

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



54.9344, 41.9551, 99.8105



62.8297, 41.9551, 42.4043



27.8581, 41.9551, 15.8300



23.3304, 41.9551, 49.1243

Sweetspot

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



54.9358, 41.9568, 99.8108



80.3214, 78.0395, 105.4375



49.6375, 52.2643, 102.0796



16.7023, 15.9845, 22.4550



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.



54.9358, 41.9568, 99.8108



49.5738, 34.8335, 98.7185



68.7532, 49.2101, 94.5735



17.9944, 17.8889, 22.7544



15.7421, 7.0259, 49.9610



1.6579, 0.7486, 4.8704

Inverse Universe

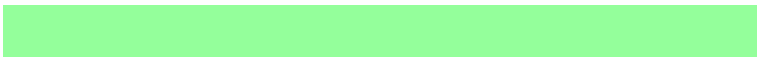
The Inverse Universe completely reimagines the original color for something new.



61.5683, 46.3362, 56.7385



57.3699, 39.9585, 49.1142



53.9014, 80.1874, 43.7075



18.3335, 18.1167, 20.3735



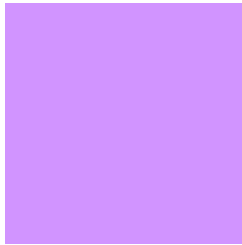
23.0801, 11.7213, 9.0722



2.3007, 1.1626, 1.1649

Previews

White Background



This preview shows how the XYZ color 54.9344, 41.9551, 99.8105 looks on a white background.

Color Contrast Check

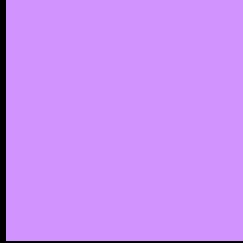
Large Text (above 18pt) WCAG AA × Fail

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 54.9344, 41.9551, 99.8105 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 54.9344, 41.9551, 99.8105

Background



This preview shows how black text looks on a background with the XYZ color 54.9344, 41.9551, 99.8105.



This preview shows how white text looks on a background with the XYZ color 54.9344, 41.9551,

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

54.9344, 41.9551, 99.8105

Protanopia

44.2900, 42.3656, 100.4508

Deuteranopia

43.3355, 42.2468, 96.3129



Tritanopia

44.2560, 41.8604, 47.8668

Trichromacy



Original Color

54.9344, 41.9551, 99.8105



Protanomaly

47.2956, 41.7392, 100.1715



Deuteranomaly

46.6042, 41.4382, 97.6375

Tritanomaly

47.6261, 41.6700, 63.9255

Monochromacy



Original Color

54.9344, 41.9551, 99.8105



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

45.9456, 42.9125, 64.2539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9344, 41.9551, 99.8105 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(209, 148, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 148, 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(209, 148, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 148, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.9344, 41.9551, 99.8105 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(209, 148, 255) }
```


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

```
.border{ border-color:rgb(209, 148, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 148, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 148, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 148, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 148,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9344, 41.9551, 99.8105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 148, 255) }
```

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

```
.background{ background-color: rgb(209,  
148, 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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