

Converting Colors

XYZ(56.9865, 40.7508,
109.6084)

Have a look what the booklet for
XYZ(56.9865, 40.7508, 109.6084)
contains.

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Color

**XYZ(55.0142, 39.9814,
99.4254)**

Conversions

Conversions Part 1

Format	Color
Hex	D68BFF
RGB	214, 139, 255
RGB Percent	84%, 55%, 100%
CMY	0.1608, 0.4549, 0.0000
CMYK	0.16, 0.45, 0.00, 0.00
HSL	279°, 100%, 77%
HSV	279°, 45%, 100%
XYZ	55.0142, 39.9814, 99.4254
YIQ	174.6490, 7.4640, 51.9760

Conversions

Conversions Part 2

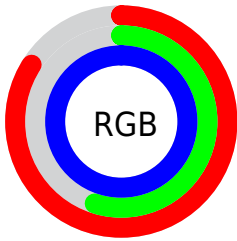
Format	Color
R _Y B	214, 139, 255
Decimal	14060543
CIE Lab	69.46, 48.35, -46.69
CIE LCh	69, 67.214, 315.996
Yxy	39.9814, 0.2830, 0.2056
Android (android.graphics.Color)	4292250623 (0xFFD68BFF)
YUV	174.6490, 39.6130, 34.5108
Hunter-Lab	63.2308, 44.6505, -48.9671

Details

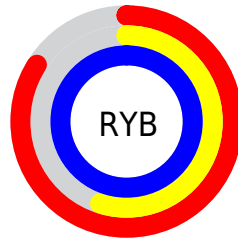
The XYZ color **55.0142, 39.9814, 99.4254** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **59.2433, 83.0877, 37.3428**, and the grayscale version is **40.3669, 42.4691, 46.2489**.

A 20% lighter version of the original color is **78.5818, 67.0636, 103.4106**, and **27.4255, 17.9009, 55.4358** is the 20% darker color. If you saturate the color by 10%, you get **49.1856, 32.1208, 98.2153**, and if you desaturate by 10%, it is **61.8520, 49.6422, 100.9297**.

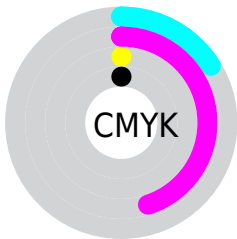
Distribution



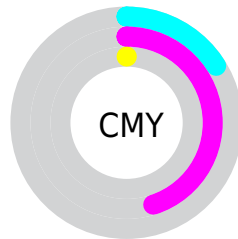
- Red (84%)
- Green (55%)
- Blue (100%)



- Red (84%)
- Yellow (55%)
- Blue (100%)



- Cyan (16%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)





- Cyan (16%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0142, 39.9814, 99.4254 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 55.0142, 39.9814, 99.4254 by changing the saturation by 10% instead.


 55.0142, 39.9814,
99.4254

 55.0142, 39.9814,
99.4254


396.1013,
346.0452, 579.5798


 39.6470, 27.5240,
75.2065


 96.7100, 75.1352,
162.4123

 27.4464, 17.9672,
55.2794


 123.7692, 98.6004,
202.0174

 18.0471, 10.9264,
39.2253


 155.4565,
126.5037, 247.5884

 11.0837, 6.0174,
26.6259

192.1372,
159.2295, 299.5438

 6.1909, 2.8557,
17.0625

234.1767,
197.1621, 358.3021

 3.0032, 1.0568,
10.1166

281.9403,

 1.1555, 0.0000,

240.6860, 424.2818

5.3697

335.7934,
290.1856, 497.9015

■ 0.0708, 0.0000,
2.4033

■ 0.0000, 0.0000,
0.7882

■ 55.0142, 39.9814,
99.4254

■ 55.0142, 39.9814,
99.4254

■ 49.1856, 32.1208,
98.2153

■ 61.8520, 49.6422,
100.9297

■ 44.2991, 25.9328,
97.2785

■ 69.7522, 61.2092,
102.7460

■ 40.2850, 21.2807,
96.5921

■ 78.7685, 74.7860,
104.8913

■ 37.0607, 18.0027,
96.1293

■ 88.9500, 90.4670,
107.3814

■ 34.5246, 15.8994,
95.8570

95.0500, 100.0000,
108.9000

■ 33.5406, 15.2057,
95.7749

Harmonies

Analogous

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



44.0267, 39.9814, 129.5902



55.0142, 39.9814, 99.4254



61.9703, 39.9814, 59.6008

Triad

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



55.0142, 39.9814, 99.4254



43.2609, 39.9814, 7.5379



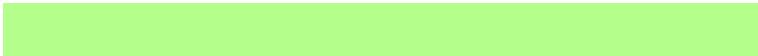
21.3064, 39.9814, 62.1007

Complementary

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



55.0142, 39.9814, 99.4254



59.2433, 83.0877, 37.3428

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.



21.1794, 39.9814, 30.6484



55.0142, 39.9814, 99.4254



32.5520, 39.9814, 7.7056

Square

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



55.0142, 39.9814, 99.4254



54.3626, 39.9814, 13.2030



24.9160, 39.9814, 13.8749



25.3037, 39.9814, 101.9860

Rectangle

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



55.0142, 39.9814, 99.4254



62.6719, 39.9814, 37.6018



24.9160, 39.9814, 13.8749



20.8395, 39.9814, 50.0572

Sweetspot

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



55.0155, 39.9830, 99.4256



80.2091, 76.9847, 105.2398



45.3313, 45.9755, 101.0927



16.7229, 15.7990, 22.4181



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.



55.0155, 39.9830, 99.4256



49.4479, 32.4649, 98.2679



66.1322, 45.9901, 87.4669



18.1332, 17.9604, 22.7609



17.6939, 8.0320, 50.0523



1.8415, 0.8432, 4.8790

Inverse Universe

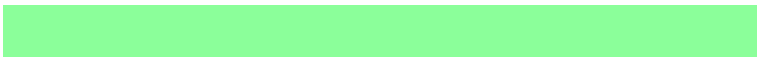
The Inverse Universe completely reimagines the original color for something new.



58.7116, 43.0218, 48.3905



54.0720, 36.1564, 39.4026



52.2802, 79.3581, 43.3398



18.2745, 18.0931, 20.0627



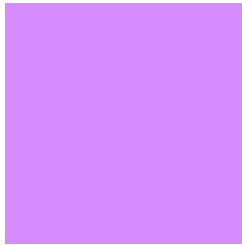
22.5799, 11.5212, 6.4380



2.2481, 1.1416, 0.8881

Previews

White Background



This preview shows how the XYZ color 55.0142, 39.9814, 99.4254 looks on a white background.

Color Contrast Check

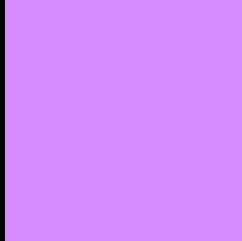
Large Text (above 18pt) WCAG AA × Fail

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 55.0142, 39.9814, 99.4254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

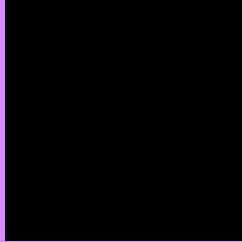
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0142, 39.9814, 99.4254

Background



This preview shows how black text looks on a background with the XYZ color 55.0142, 39.9814, 99.4254.



This preview shows how white text looks on a background with the XYZ color 55.0142, 39.9814,

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

55.0142, 39.9814, 99.4254

Protanopia

42.3499, 40.2607, 100.1468

Deuteranopia

41.4402, 40.4497, 95.2460



Tritanopia

43.6649, 39.8115, 43.9111

Trichromacy



Original Color

55.0142, 39.9814, 99.4254



Protanomaly

45.8329, 39.4409, 99.8049



Deuteranomaly

44.9493, 39.3113, 96.4855

Tritanomaly

47.1809, 39.5193, 61.0184

Monochromacy



Original Color

55.0142, 39.9814, 99.4254



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

44.8057, 41.0191, 62.6827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0142, 39.9814, 99.4254 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(214, 139, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 139, 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(214, 139, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 139, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.0142, 39.9814, 99.4254 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(214, 139, 255) }
```


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

```
.border{ border-color:rgb(214, 139, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 139, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 139, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 139, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 139,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0142, 39.9814, 99.4254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 139, 255) }
```

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

```
.background{ background-color: rgb(214,  
139, 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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