

Converting Colors

XYZ(45.4199, 43.8174, 99.8297)

Have a look what the booklet for
XYZ(45.4199, 43.8174, 99.8297)
contains.

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Color

**XYZ(45.4199, 43.8174,
99.8297)**

Conversions

Conversions Part 1

Format	Color
Hex	95AEFE
RGB	149, 174, 254
RGB Percent	58%, 68%, 100%
CMY	0.4157, 0.3176, 0.0039
CMYK	0.41, 0.31, 0.00, 0.00
HSL	226°, 98%, 79%
HSV	226°, 41%, 100%
XYZ	45.4199, 43.8174, 99.8297
YIQ	175.6450, -40.5800, 19.5800

Conversions

Conversions Part 2

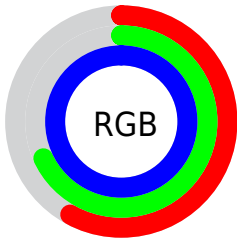
Format	Color
R _Y B	149, 169, 254
Decimal	9809662
CIE Lab	72.11, 11.14, -42.39
CIE LCh	72, 43.827, 284.722
Yxy	43.8174, 0.2402, 0.2318
Android (android.graphics.Color)	4287999742 (0xFF95AEFE)
YUV	175.6450, 38.6290, -23.3677
Hunter-Lab	66.1947, 6.6381, -43.0803

Details

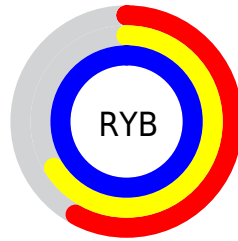
The XYZ color **45.4199, 43.8174, 99.8297** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **74.3188, 79.2815, 39.8216**, and the grayscale version is **40.9041, 43.0343, 46.8643**.

A 20% lighter version of the original color is **71.5229, 76.3804, 105.5810**, and **21.5518, 20.2774, 55.6014** is the 20% darker color. If you saturate the color by 10%, you get **37.8079, 34.7379, 98.4792**, and if you desaturate by 10%, it is **54.5841, 54.4984, 101.4092**.

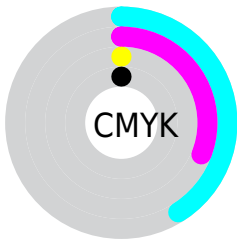
Distribution



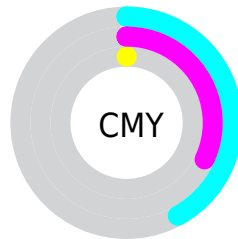
- Red (58%)
- Green (68%)
- Blue (100%)



- Red (58%)
- Yellow (66%)
- Blue (100%)



- Cyan (41%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.4199, 43.8174, 99.8297 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 45.4199, 43.8174, 99.8297 by changing the saturation by 10% instead.

■ 45.4199, 43.8174,
99.8297

■ 45.4199, 43.8174,
99.8297

359.2267,
361.9626, 580.8886

■ 31.9910, 30.5270,
75.5422

■ 82.5833, 80.9429,
162.9730

■ 21.5101, 20.2389,
55.5528

■ 107.0486,
105.5468, 202.6658

■ 13.6120, 12.5688,
39.4429

135.9233,
134.6906, 248.3309

■ 7.9312, 7.1323,
26.7940

169.5729,
168.7587, 300.3868

■ 4.1024, 3.5450,
17.1875

208.3626,
208.1356, 359.2519

■ 1.7602, 1.4224,
10.2049

252.6580,

■ 0.4935, 0.2332,

253.2056, 425.3449

5.4276

302.8242,
304.3532, 499.0843

■ 0.0000, 0.0000,
2.4372

■ 0.0000, 0.0000,
0.8066

■ 45.4199, 43.8174,
99.8297

■ 45.4199, 43.8174,
99.8297

■ 37.8079, 34.7379,
98.4792

■ 54.5841, 54.4984,
101.4092

■ 31.6542, 27.1749,
97.3437

■ 65.3779, 66.8502,
103.2244

■ 26.8614, 21.0427,
96.4127

■ 77.8787, 80.9440,
105.2859

■ 23.3177, 16.2440,
95.6732

■ 92.1577, 96.8450,
107.6025

■ 20.8912, 12.6677,
95.1108

94.8896, 99.9358,
108.0551

■ 19.5303, 10.4374,
94.7521

Harmonies

Analogous

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



37.9621, 43.8174, 99.6601



45.4199, 43.8174, 99.8297



52.6394, 43.8174, 83.4765

Triad

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



45.4199, 43.8174, 99.8297



52.7552, 43.8174, 24.1520



29.2289, 43.8174, 37.6348

Complementary

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



45.4199, 43.8174, 99.8297



74.3188, 79.2815, 39.8216

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.



32.3027, 43.8174, 23.9725



45.4199, 43.8174, 99.8297



45.5632, 43.8174, 17.9328

Square

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



45.4199, 43.8174, 99.8297



57.2071, 43.8174, 37.9662



38.0893, 43.8174, 17.8788



29.2003, 43.8174, 58.9921

Rectangle

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



45.4199, 43.8174, 99.8297



56.0933, 43.8174, 67.6045



38.0893, 43.8174, 17.8788



29.9222, 43.8174, 32.1597

Sweetspot

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



45.4215, 43.8190, 99.8308



77.6827, 80.6675, 106.0838



61.8066, 82.8620, 85.9548



16.2564, 16.8500, 22.6455



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.



45.4215, 43.8190, 99.8308



39.0793, 36.1750, 99.5305



46.3740, 37.7956, 98.6179



17.3540, 18.0797, 22.8250



10.3904, 5.6904, 49.9853



1.0917, 0.7140, 4.8936

Inverse Universe

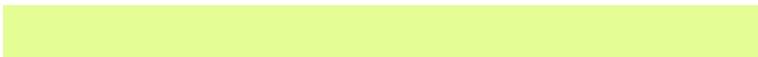
The Inverse Universe completely reimagines the original color for something new.



59.2619, 45.6236, 45.7286



55.0533, 39.0319, 36.9150



72.7836, 89.5078, 41.8764



18.1866, 18.0580, 19.5998



22.0328, 11.3024, 3.5572



2.1856, 1.1166, 0.5589

Previews

White Background



This preview shows how the XYZ color 45.4199, 43.8174, 99.8297 looks on a white background.

Color Contrast Check

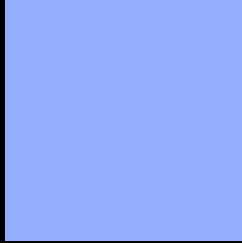
Large Text (above 18pt) WCAG AA × Fail

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 45.4199, 43.8174, 99.8297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

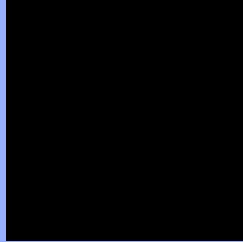
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.4199, 43.8174, 99.8297

Background



This preview shows how black text looks on a background with the XYZ color 45.4199, 43.8174, 99.8297.



This preview shows how white text looks on a background with the XYZ color 45.4199, 43.8174,

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

45.4199, 43.8174, 99.8297

Protanopia

45.7879, 44.0072, 99.8469

Deuteranopia

45.0734, 43.9267, 99.8690



Tritanopia

37.6494, 43.9723, 60.5360

Trichromacy



Original Color

45.4199, 43.8174, 99.8297

Protanomaly

45.6031, 43.9119, 99.8382

Deuteranomaly

45.2520, 44.0187, 99.8774

Tritanomaly

40.1253, 43.7377, 73.3452

Monochromacy



Original Color

45.4199, 43.8174, 99.8297

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.9549, 43.1266, 63.2397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4199, 43.8174, 99.8297 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(149, 174, 254)` looks like.

```
.text, #text, p{  
    color:rgb(149, 174, 254)  
}
```

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(149, 174, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 174, 254) }
```

Border

The CSS property to change the border of an element to XYZ 45.4199, 43.8174, 99.8297 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(149, 174, 254) }
```


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

```
.border{ border-color:rgb(149, 174, 254) }
```

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

Here you see how a box with a 4 pixel rgb(149, 174, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 174, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 174, 254);  
box-shadow:4px 4px 4px 4px rgb(149, 174,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4199, 43.8174, 99.8297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 174, 254) }
```

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

```
.background{ background-color: rgb(149,  
174, 254) }
```

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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