

Converting Colors

XYZ(58.7974, 39.5235, 99.1376)

Have a look what the booklet for
XYZ(58.7974, 39.5235, 99.1376)
contains.

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Color

**XYZ(58.9181, 39.5545,
99.1372)**

Conversions

Conversions Part 1

Format	Color
Hex	E87FFF
RGB	232, 127, 255
RGB Percent	91%, 50%, 100%
CMY	0.0902, 0.5019, 0.0000
CMYK	0.09, 0.50, 0.00, 0.00
HSL	289°, 100%, 75%
HSV	289°, 50%, 100%
XYZ	58.9181, 39.5545, 99.1372
YIQ	172.9870, 21.4920, 62.0680

Conversions

Conversions Part 2

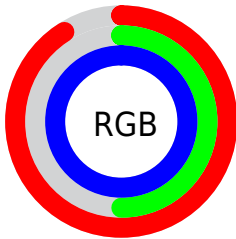
Format	Color
R _{YB}	232, 127, 255
Decimal	15237119
CIE Lab	69.15, 59.29, -47.03
CIE LCh	69, 75.683, 321.578
Yxy	39.5545, 0.2982, 0.2002
Android (android.graphics.Color)	4293427199 (0xFFE87FFF)
YUV	172.9870, 40.4324, 51.7544
Hunter-Lab	62.8924, 57.1587, -49.4341

Details

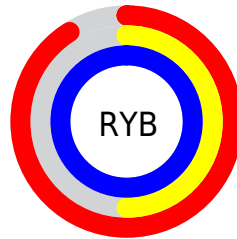
The XYZ color **58.9181, 39.5545, 99.1372** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **52.1692, 79.5367, 32.6828**, and the grayscale version is **39.5080, 41.5655, 45.2648**.

A 20% lighter version of the original color is **76.2235, 62.3470, 102.6245**, and **29.9660, 17.7106, 55.2652** is the 20% darker color. If you saturate the color by 10%, you get **54.5642, 33.0250, 98.1064**, and if you desaturate by 10%, it is **64.1466, 47.7737, 100.4481**.

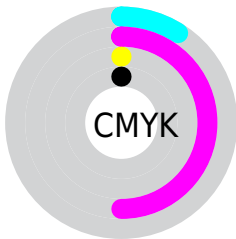
Distribution



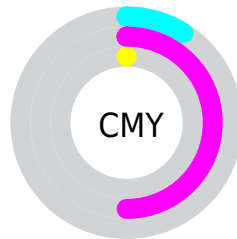
- Red (91%)
- Green (50%)
- Blue (100%)



- Red (91%)
- Yellow (50%)
- Blue (100%)



- Cyan (9%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)





- Cyan (9%)
- Magenta (50%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9181, 39.5545, 99.1372 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 58.9181, 39.5545, 99.1372 by changing the saturation by 10% instead.


 58.9181, 39.5545,
99.1372

 58.9181, 39.5545,
99.1372


410.4973,
344.2423, 578.6459

 42.7933, 27.1914,
74.9673


 102.3739, 74.4846,
162.0125

 29.9168, 17.7170,
55.0845


 130.4357, 97.8204,
201.5550

 19.9232, 10.7470,
39.0704


 163.2071,
125.5826, 247.0588

 12.4472, 5.8970,
26.5062

201.0536,
158.1555, 298.9424

 7.1233, 2.7825,
16.9736

244.3405,
195.9235, 357.6244

 3.5864, 1.0193,
10.0539

293.4332,

 1.4709, 0.0000,

239.2710, 423.5233

5.3286

348.6970,
288.5825, 497.0576

■ 0.3059, 0.0000,
2.3793

■ 0.0000, 0.0000,
0.7751

■ 58.9181, 39.5545,
99.1372

■ 58.9181, 39.5545,
99.1372

■ 54.5642, 33.0250,
98.1064

■ 64.1466, 47.7737,
100.4481

■ 51.0165, 28.0519,
97.3334

■ 70.3036, 57.7926,
102.0574

■ 48.2027, 24.4897,
96.7942

■ 77.4429, 69.7179,
103.9830

■ 46.0346, 22.1628,
96.4593

■ 85.6131, 83.6461,
106.2408

■ 44.3962, 20.8019,
96.2830

94.8595, 99.6675,
108.8459

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



46.8134, 39.5545, 139.4429



58.9181, 39.5545, 99.1372



65.6133, 39.5545, 53.5788

Triad

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



58.9181, 39.5545, 99.1372



41.1056, 39.5545, 5.0685



19.8503, 39.5545, 72.5008

Complementary

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



58.9181, 39.5545, 99.1372



52.1692, 79.5367, 32.6828

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.



18.9630, 39.5545, 34.0306



58.9181, 39.5545, 99.1372



29.6745, 39.5545, 6.0774

Square

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



58.9181, 39.5545, 99.1372



53.9796, 39.5545, 9.1236



22.1598, 39.5545, 13.5203



24.9153, 39.5545, 119.1634

Rectangle

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



58.9181, 39.5545, 99.1372



65.2914, 39.5545, 31.0358



22.1598, 39.5545, 13.5203



19.1043, 39.5545, 57.8666

Sweetspot

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



58.9194, 39.5561, 99.1374



81.5550, 76.6967, 105.1133



37.7847, 33.6956, 99.1202



17.0916, 15.7959, 22.3980



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.



58.9194, 39.5561, 99.1374



54.6409, 33.1366, 98.1239



61.0275, 41.3190, 68.6911



18.4537, 18.1256, 22.7759



23.3141, 10.9293, 50.3154



2.3498, 1.1053, 4.9028

Inverse Universe

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



54.3352, 38.6420, 33.4501



49.9865, 32.3608, 24.5519



51.5379, 78.8423, 49.3216



18.1426, 18.0404, 19.3681



21.8428, 11.2264, 2.5567



2.1612, 1.1069, 0.4303

Previews

White Background



This preview shows how the XYZ color 58.9181, 39.5545, 99.1372 looks on a white background.

Color Contrast Check

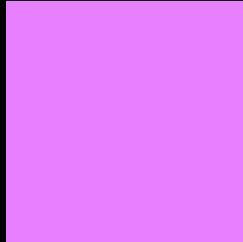
Large Text (above 18pt) WCAG AA × Fail

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 58.9181, 39.5545, 99.1372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

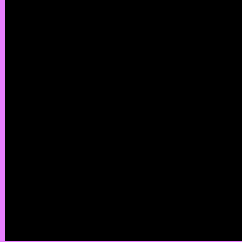
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.9181, 39.5545, 99.1372

Background



This preview shows how black text looks on a background with the XYZ color 58.9181, 39.5545, 99.1372.



This preview shows how white text looks on a background with the XYZ color 58.9181, 39.5545,

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

58.9181, 39.5545, 99.1372

Protanopia

42.0027, 39.8108, 100.0782

Deuteranopia

40.9445, 39.9549, 93.5497



Tritanopia

46.5528, 39.4460, 38.8784

Trichromacy



Original Color

58.9181, 39.5545, 99.1372



Protanomaly

46.2915, 38.4471, 99.5890



Deuteranomaly

45.4411, 38.3425, 95.4483

Tritanomaly

50.2638, 39.1334, 56.5341

Monochromacy



Original Color

58.9181, 39.5545, 99.1372



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

44.9161, 39.5581, 61.7680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9181, 39.5545, 99.1372 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(232, 127, 255)` looks like.

```
.text, #text, p{  
    color:rgb(232, 127, 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(232, 127, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 127, 255) }
```

Border

The CSS property to change the border of an element to XYZ 58.9181, 39.5545, 99.1372 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(232, 127, 255) }
```


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

```
.border{ border-color:rgb(232, 127, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 127, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 127, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 127, 255);  
box-shadow:4px 4px 4px 4px rgb(232, 127,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9181, 39.5545, 99.1372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 127, 255) }
```

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

```
.background{ background-color: rgb(232,  
127, 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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