

Converting Colors

Yxy(36.4991, 0.2884, 0.1819)

Have a look what the booklet for
Yxy(36.4991, 0.2884, 0.1819)
contains.

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Color

Yxy(35.9126, 0.2954, 0.1882)

Conversions

Conversions Part 1

Format	Color
Hex	E572FF
RGB	229, 114, 255
RGB Percent	90%, 45%, 100%
CMY	0.1021, 0.5528, 0.0001
CMYK	0.10, 0.55, 0.00, 0.00
HSL	289°, 100%, 72%
HSV	289°, 55%, 100%
XYZ	56.3687, 35.9126, 98.5402
YIQ	164.4590, 23.2790, 68.2310

Conversions

Conversions Part 2

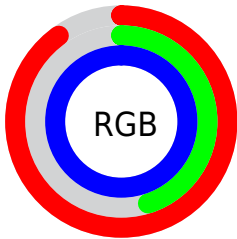
Format	Color
R _Y B	229, 114, 255
Decimal	15037183
CIE Lab	66.45, 64.68, -51.30
CIE LCh	66, 82.553, 321.585
Yxy	35.9126, 0.2954, 0.1882
Android (android.graphics.Color)	4293227263 (0xFFE572FF)
YUV	164.4590, 44.6367, 56.6025
Hunter-Lab	59.9271, 63.0282, -55.5436

Details

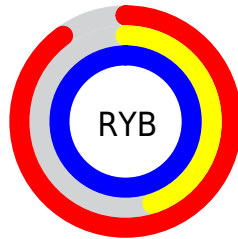
The Yxy color **35.9126, 0.2954, 0.1882** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **78.2930, 0.3173, 0.5008**, and the grayscale version is **37.1336, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.2295, 0.3166, 0.2460**, and **15.6614, 0.2872, 0.1581** is the 20% darker color. If you saturate the color by 10%, you get **30.1765, 0.2908, 0.1674**, and if you desaturate by 10%, it is **43.2754, 0.2997, 0.2120**.

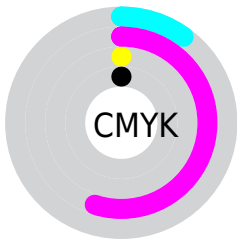
Distribution



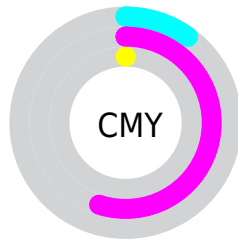
- Red (90%)
- Green (45%)
- Blue (100%)



- Red (90%)
- Yellow (45%)
- Blue (100%)



- Cyan (10%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)




- Cyan (10%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9126, 0.2954, 0.1882 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 Yxy color 35.9126, 0.2954, 0.1882 by changing the saturation by 10% instead.


 35.9126, 0.2954,
0.1882


 35.9126, 0.2954,
0.1882

328.5784, 0.3070,
0.2515

 24.3667, 0.2919,
0.1746


 68.8971, 0.3002,
0.2096

 15.6059, 0.2871,
0.1583


 91.1046, 0.3018,
0.2181

 9.2457, 0.2803,
0.1386

 117.6347, 0.3031,
0.2255

 4.9018, 0.2705,
0.1148

148.8718, 0.3042,
0.2320

 2.1897, 0.2554,
0.0859

185.2003, 0.3051,
0.2377

 0.7144, 0.2313,
0.0516

227.0046, 0.3059,

 0.0000, 0.1938,

0.2428

0.0000

274.6692, 0.3065,
0.2474

■ 0.0000, 0.0618,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 35.9126, 0.2954,
0.1882

■ 35.9126, 0.2954,
0.1882

■ 30.1765, 0.2908,
0.1674

■ 43.2754, 0.2997,
0.2120

■ 25.9255, 0.2859,
0.1506


■ 52.3817, 0.3034,
0.2376


■ 23.0014, 0.2809,
0.1383

■ 63.3426, 0.3067,
0.2641

■ 21.2069, 0.2760,
0.1306

■ 76.2588, 0.3095,
0.2905

 20.6184, 0.2737,
0.1281

 91.2236, 0.3117,
0.3160

99.9979, 0.3127,
0.3290

Harmonies

Analogous

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



35.9126, 0.1963, 0.1615



35.9126, 0.2954, 0.1882



35.9126, 0.4251, 0.2405

Triad

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



35.9126, 0.2954, 0.1882



35.9126, 0.4922, 0.4685



35.9126, 0.1345, 0.2937

Complementary

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



35.9126, 0.2954, 0.1882



78.2930, 0.3173, 0.5008

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.



35.9126, 0.1914, 0.4408



35.9126, 0.2954, 0.1882



35.9126, 0.3966, 0.5455

Square

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



35.9126, 0.2954, 0.1882



35.9126, 0.5477, 0.3845



35.9126, 0.2883, 0.5542



35.9126, 0.1203, 0.2020

Rectangle

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



35.9126, 0.2954, 0.1882



35.9126, 0.5011, 0.2850



35.9126, 0.2883, 0.5542



35.9126, 0.1483, 0.3385

Sweetspot

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



35.9141, 0.2954, 0.1882



73.9070, 0.3090, 0.2860



30.2103, 0.2122, 0.1848



15.2441, 0.3085, 0.2807



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.9141, 0.2954, 0.1882



29.8280, 0.2904, 0.1661



38.0850, 0.3605, 0.2318



18.1210, 0.3108, 0.3054



10.8377, 0.2745, 0.1286



1.0971, 0.2801, 0.1317

Inverse Universe

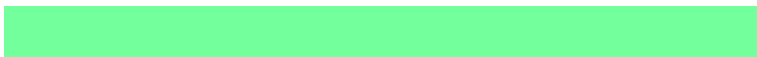
The Inverse Universe completely reimagines the original color for something new.



35.1912, 0.4479, 0.3032



29.3299, 0.4915, 0.3011



77.4899, 0.2863, 0.4553



18.0418, 0.3265, 0.3246



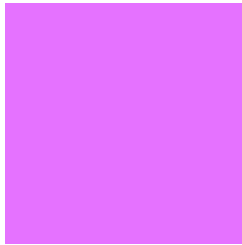
11.2318, 0.6119, 0.3145



1.1076, 0.5829, 0.2985

Previews

White Background



This preview shows how the Yxy color 35.9126, 0.2954, 0.1882 looks on a white background.

Color Contrast Check

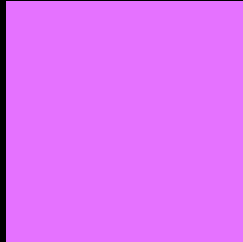
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 35.9126, 0.2954, 0.1882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

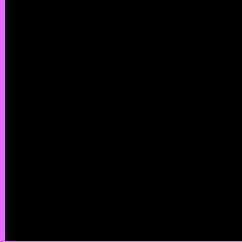
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9126, 0.2954, 0.1882

Background



This preview shows how black text looks on a background with the Yxy color 35.9126, 0.2954, 0.1882.



This preview shows how white text looks on a background with the Yxy color 35.9126, 0.2954, 0.1882.

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

35.9126, 0.2954, 0.1882

Protanopia

36.3014, 0.2220, 0.2079

Deuteranopia

36.2085, 0.2249, 0.2185



Tritanopia

35.7638, 0.3814, 0.3156

Trichromacy



Original Color

35.9126, 0.2954, 0.1882



Protanomaly

34.5463, 0.2426, 0.1959



Deuteranomaly

34.2597, 0.2447, 0.2017

Tritanomaly

35.1224, 0.3484, 0.2613

Monochromacy



Original Color

35.9126, 0.2954, 0.1882



Achromatopsia

37.1238, 0.3127, 0.3290



Achromatomaly

35.2804, 0.3070, 0.2636

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9126, 0.2954, 0.1882 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(229, 114, 255)` looks like.

```
.text, #text, p{  
    color:rgb(229, 114, 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(229, 114, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 114, 255) }
```

Border

The CSS property to change the border of an element to Yxy 35.9126, 0.2954, 0.1882 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(229, 114, 255) }
```

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

```
.border{ border-color:rgb(229, 114, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 114, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 114, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 114, 255);  
box-shadow:4px 4px 4px 4px rgb(229, 114,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9126, 0.2954, 0.1882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 114, 255) }
```

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

```
.background{ background-color: rgb(229,  
114, 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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