

Converting Colors

Yxy(46.1354, 0.2619, 0.2386)

Have a look what the booklet for
Yxy(46.1354, 0.2619, 0.2386)
contains.

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Color

Yxy(45.9909, 0.2618, 0.2380)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B3ACFA |
| RGB | 179, 172, 250 |
| RGB Percent | 70%, 67%, 98% |
| CMY | 0.2982, 0.3254, 0.0196 |
| CMYK | 0.28, 0.31, 0.00, 0.02 |
| HSL | 245°, 89%, 83% |
| HSV | 245°, 31%, 98% |
| XYZ | 50.5900, 45.9909, 96.6582 |
| YIQ | 182.9850, -20.8660, 25.7420 |

Conversions

Conversions Part 2

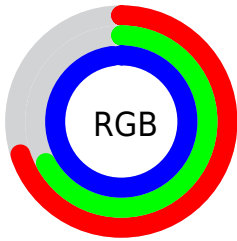
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 179, 172, 250 |
| Decimal | 11775226 |
| CIE Lab | 73.54, 19.26, -37.84 |
| CIE LCh | 74, 42.458, 296.979 |
| Yxy | 45.9909, 0.2618, 0.2380 |
| Android (android.graphics.Color) | 4289965306 (0xFFB3ACFA) |
| YUV | 182.9850, 33.0384, -3.4948 |
| Hunter-Lab | 67.8166, 14.4788, -37.0337 |

Details

The Yxy color **45.9909, 0.2618, 0.2380** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **90.4230, 0.3551, 0.4084**, and the grayscale version is **47.1672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9910, 0.3013, 0.3008**, and **21.5683, 0.2477, 0.2167** is the 20% darker color. If you saturate the color by 10%, you get **34.8608, 0.2419, 0.2035**, and if you desaturate by 10%, it is **59.3629, 0.2802, 0.2704**.

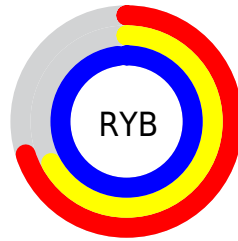
Distribution



Red (70%)

Green (67%)

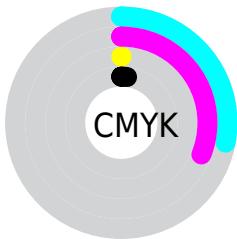
Blue (98%)



Red (70%)

Yellow (67%)

Blue (98%)

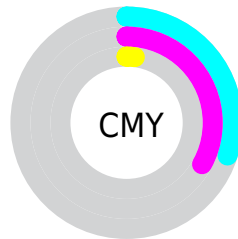


Cyan (28%)

Magenta (31%)

Yellow (0%)

Black (2%)



Cyan (30%)

Magenta (33%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.9909, 0.2618, 0.2380 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 45.9909, 0.2618, 0.2380 by changing the saturation by 10% instead.

■ 45.9909, 0.2618,
0.2380

■ 45.9909, 0.2618,
0.2380

370.7721, 0.2873,
0.2807

■ 32.2386, 0.2556,
0.2282

■ 84.2054, 0.2710,
0.2529

■ 21.5438, 0.2477,
0.2162

109.4364, 0.2744,
0.2586

■ 13.5221, 0.2375,
0.2011

139.2624, 0.2774,
0.2636

■ 7.7890, 0.2238,
0.1817

174.0679, 0.2799,
0.2679

■ 3.9603, 0.2046,
0.1561

214.2372, 0.2821,
0.2717

■ 1.6514, 0.1765,
0.1217

260.1548, 0.2840,

■ 0.3919, 0.1356,

0.2751

0.0631

312.2049, 0.2857,
0.2781

0.0000, 0.0000,
0.0000

45.9909, 0.2618,
0.2380

45.9909, 0.2618,
0.2380

34.8608, 0.2419,
0.2035

59.3629, 0.2802,
0.2704

25.8446, 0.2213,
0.1684

75.0846, 0.2967,
0.2999

18.8097, 0.2011,
0.1349

93.2633, 0.3111,
0.3261

13.6061, 0.1828,
0.1055

99.6826, 0.3156,
0.3338

10.0626, 0.1679,
0.0826

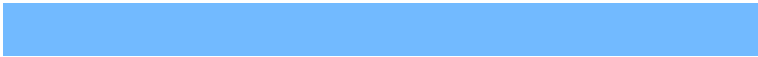
■ 7.9751, 0.1575,
0.0679

■ 7.0757, 0.1522,
0.0612

Harmonies

Analogous

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



45.9909, 0.2230, 0.2387



45.9909, 0.2618, 0.2380



45.9909, 0.3181, 0.2568

Triad

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



45.9909, 0.2618, 0.2380



45.9909, 0.4307, 0.3805



45.9909, 0.2471, 0.3687

Complementary

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



45.9909, 0.2618, 0.2380



90.4230, 0.3551, 0.4084

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.



45.9909, 0.2987, 0.4202



45.9909, 0.2618, 0.2380



45.9909, 0.4059, 0.4197

Square

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



45.9909, 0.2618, 0.2380



45.9909, 0.4211, 0.3346



45.9909, 0.3570, 0.4379



45.9909, 0.2148, 0.3080

Rectangle

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



45.9909, 0.2618, 0.2380



45.9909, 0.3589, 0.2782



45.9909, 0.3570, 0.4379



45.9909, 0.2627, 0.3883

Sweetspot

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



45.9927, 0.2618, 0.2380



82.4690, 0.3000, 0.3059



80.0811, 0.2670, 0.3217



17.0879, 0.2978, 0.3019



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.



45.9927, 0.2618, 0.2380



41.0266, 0.2503, 0.2180



51.2452, 0.2906, 0.2450



16.7167, 0.2993, 0.3046



3.7782, 0.1529, 0.0616



0.3742, 0.1591, 0.0650

Inverse Universe

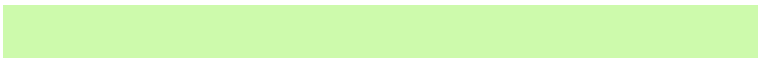
The Inverse Universe completely reimagines the original color for something new.



56.3132, 0.3218, 0.2575



53.3192, 0.3238, 0.2443



84.2650, 0.3289, 0.4156



17.4964, 0.3152, 0.3077



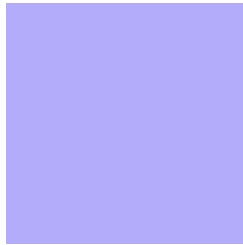
13.7563, 0.3446, 0.1672



1.2816, 0.3415, 0.1655

Previews

White Background



This preview shows how the Yxy color 45.9909, 0.2618, 0.2380 looks on a white background.

Color Contrast Check

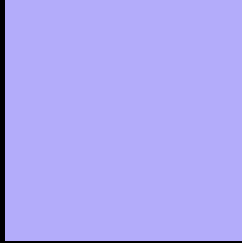
Large Text (above 18pt) WCAG AA × Fail

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 45.9909, 0.2618, 0.2380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

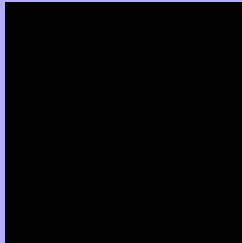
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.9909, 0.2618, 0.2380

Background



This preview shows how black text looks on a background with the Yxy color 45.9909, 0.2618, 0.2380.



This preview shows how white text looks on a background with the Yxy color 45.9909, 0.2618, 0.2380.

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

45.9909, 0.2618, 0.2380

Protanopia

46.2289, 0.2454, 0.2369

Deuteranopia

46.0513, 0.2498, 0.2432



Tritanopia

45.8119, 0.2899, 0.3092

Trichromacy



Original Color

45.9909, 0.2618, 0.2380

Protanomaly

46.1418, 0.2512, 0.2376

Deuteranomaly

45.9972, 0.2541, 0.2417

Tritanomaly

45.5693, 0.2793, 0.2808

Monochromacy



Original Color

45.9909, 0.2618, 0.2380

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.6903, 0.2936, 0.2937

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.9909, 0.2618, 0.2380 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(179, 172, 250)` looks like.

```
.text, #text, p{  
    color:rgb(179, 172, 250)  
}
```

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(179, 172, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 172, 250) }
```

Border

The CSS property to change the border of an element to Yxy 45.9909, 0.2618, 0.2380 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(179, 172, 250) }
```

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

```
.border{ border-color:rgb(179, 172, 250) }
```

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

Here you see how a box with a 4 pixel rgb(179, 172, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 172, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 172, 250);  
box-shadow:4px 4px 4px 4px rgb(179, 172,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 45.9909, 0.2618, 0.2380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 172, 250) }
```

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

```
.background{ background-color: rgb(179,  
172, 250) }
```

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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