

Converting Colors

$Yxy(54.9903, 0.2191, 0.1751)$

Have a look what the booklet for
Yxy(54.9903, 0.2191, 0.1751)
contains.

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Color

Yxy(48.2909, 0.2576, 0.2398)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------------|
| Hex | B0B2FF |
| RGB | 176, 178, 255 |
| RGB Percent | 69%, 70%, 100% |
| CMY | 0.3098, 0.3019, 0.0000 |
| CMYK | 0.31, 0.30, 0.00, 0.00 |
| HSL | 238°, 100%, 85% |
| HSV | 238°, 31%, 100% |
| XYZ | 51.8755, 48.2909, 101.2135 |
| YIQ | 186.1800, -25.9090, 23.5230 |

Conversions

Conversions Part 2

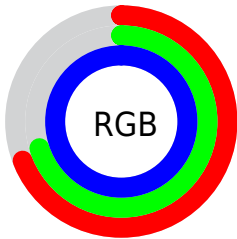
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 176, 178, 255 |
| Decimal | 11580159 |
| CIE Lab | 75.01, 16.34, -38.28 |
| CIE LCh | 75, 41.619, 293.111 |
| Yxy | 48.2909, 0.2576, 0.2398 |
| Android (android.graphics.Color) | 4289770239 (0xFFB0B2FF) |
| YUV | 186.1800, 33.9283, -8.9279 |
| Hunter-Lab | 69.4917, 11.6397, -37.7108 |

Details

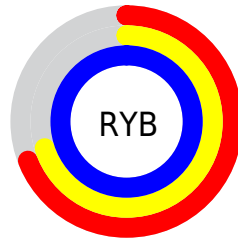
The Yxy color **48.2909, 0.2576, 0.2398** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **94.6358, 0.3602, 0.4049**, and the grayscale version is **49.0251, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.3893, 0.2993, 0.3078**, and **22.8094, 0.2427, 0.2178** is the 20% darker color. If you saturate the color by 10%, you get **36.5835, 0.2365, 0.2053**, and if you desaturate by 10%, it is **62.3484, 0.2774, 0.2720**.

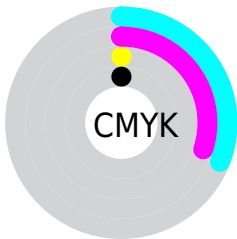
Distribution



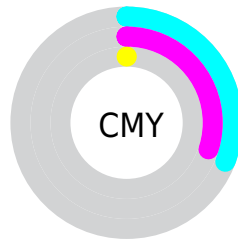
- Red (69%)
- Green (70%)
- Blue (100%)



- Red (69%)
- Yellow (70%)
- Blue (100%)



- Cyan (31%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.2909, 0.2576, 0.2398 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 48.2909, 0.2576, 0.2398 by changing the saturation by 10% instead.

■ 48.2909, 0.2576,
0.2398

■ 48.2909, 0.2576,
0.2398

379.9440, 0.2847,
0.2815

■ 34.0573, 0.2511,
0.2303

■ 87.6374, 0.2673,
0.2543

■ 22.9376, 0.2429,
0.2186

113.5190, 0.2710,
0.2599

■ 14.5475, 0.2323,
0.2040

144.0522, 0.2741,
0.2648

■ 8.5024, 0.2183,
0.1853

179.6212, 0.2768,
0.2690

■ 4.4181, 0.1990,
0.1606

220.6105, 0.2792,
0.2727

■ 1.9101, 0.1712,
0.1275

267.4045, 0.2813,


■ 0.5544, 0.1306,

0.2760


0.0780

320.3875, 0.2831,
0.2789

 0.0000, 0.0000,
0.0000

 48.2909, 0.2576,
0.2398

 48.2909, 0.2576,
0.2398

 36.5835, 0.2365,
0.2053


 62.3484, 0.2774,
0.2720


 27.0970, 0.2150,
0.1700


 78.8732, 0.2954,
0.3010

 19.6914, 0.1944,
0.1360

 97.9762, 0.3113,
0.3267

 14.2105, 0.1765,
0.1061

 100.0000, 0.3127,
0.3290

 10.4759, 0.1627,
0.0827

■ 8.2761, 0.1540,
0.0677

■ 7.3611, 0.1503,
0.0611

Harmonies

Analogous

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



48.2909, 0.2225, 0.2433



48.2909, 0.2576, 0.2398



48.2909, 0.3104, 0.2558

Triad

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



48.2909, 0.2576, 0.2398



48.2909, 0.4274, 0.3736



48.2909, 0.2550, 0.3747

Complementary

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



48.2909, 0.2576, 0.2398



94.6358, 0.3602, 0.4049

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.



48.2909, 0.3066, 0.4209



48.2909, 0.2576, 0.2398



48.2909, 0.4075, 0.4128

Square

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



48.2909, 0.2576, 0.2398



48.2909, 0.4134, 0.3290



48.2909, 0.3626, 0.4334



48.2909, 0.2208, 0.3161

Rectangle

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



48.2909, 0.2576, 0.2398



48.2909, 0.3499, 0.2754



48.2909, 0.3626, 0.4334



48.2909, 0.2708, 0.3929

Sweetspot

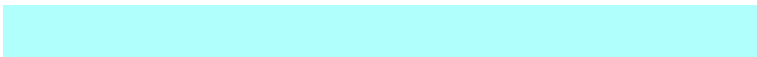
The Sweet Spot groups the original color and five complimentary colors.



48.2913, 0.2576, 0.2398



82.4556, 0.2987, 0.3064



87.8004, 0.2693, 0.3317



17.0846, 0.2962, 0.3025



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.



48.2913, 0.2576, 0.2398



40.9747, 0.2450, 0.2193



52.3921, 0.2838, 0.2438



17.4519, 0.2978, 0.3050



3.8784, 0.1504, 0.0615



0.4026, 0.1514, 0.0651

Inverse Universe

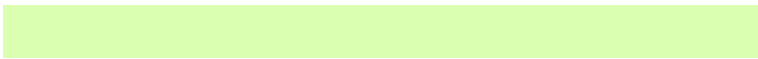
The Inverse Universe completely reimagines the original color for something new.



55.5212, 0.3817, 0.3271



49.2739, 0.4014, 0.3267



89.5794, 0.3348, 0.4135



17.9946, 0.3291, 0.3284



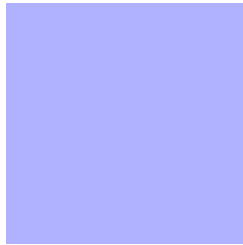
11.1195, 0.6375, 0.3286



1.0852, 0.6314, 0.3252

Previews

White Background



This preview shows how the Yxy color 48.2909, 0.2576, 0.2398 looks on a white background.

Color Contrast Check

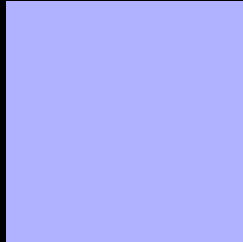
Large Text (above 18pt) WCAG AA × Fail

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 48.2909, 0.2576, 0.2398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

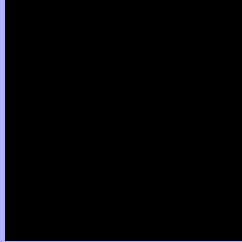
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.2909, 0.2576, 0.2398

Background



This preview shows how black text looks on a background with the Yxy color 48.2909, 0.2576, 0.2398.



This preview shows how white text looks on a background with the Yxy color 48.2909, 0.2576, 0.2398.

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

48.2909, 0.2576, 0.2398

Protanopia

48.3573, 0.2492, 0.2426

Deuteranopia

48.2930, 0.2497, 0.2435



Tritanopia

48.2776, 0.2838, 0.3094

Trichromacy



Original Color

48.2909, 0.2576, 0.2398

Protanomaly

48.4832, 0.2522, 0.2421

Deuteranomaly

48.4190, 0.2527, 0.2430

Tritanomaly

47.9899, 0.2737, 0.2813

Monochromacy



Original Color

48.2909, 0.2576, 0.2398

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.5152, 0.2909, 0.2941

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2909, 0.2576, 0.2398 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(176, 178, 255)` looks like.

```
.text, #text, p{  
    color:rgb(176, 178, 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(176, 178, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 178, 255) }
```

Border

The CSS property to change the border of an element to Yxy 48.2909, 0.2576, 0.2398 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(176, 178, 255) }
```

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

```
.border{ border-color:rgb(176, 178, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 178, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 178, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 178, 255);  
box-shadow:4px 4px 4px 4px rgb(176, 178,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2909, 0.2576, 0.2398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 178, 255) }
```

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

```
.background{ background-color: rgb(176,  
178, 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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