

Converting Colors

$Y_{xy}(43.9382, 0.2592, 0.2280)$

Have a look what the booklet for
Yxy(43.9382, 0.2592, 0.2280)
contains.

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Color

Yxy(43.9480, 0.2593, 0.2281)

Conversions

Conversions Part 1

Format	Color
Hex	B3A6FD
RGB	179, 166, 253
RGB Percent	70%, 65%, 99%
CMY	0.2979, 0.3490, 0.0079
CMYK	0.29, 0.34, 0.00, 0.01
HSL	249°, 96%, 82%
HSV	249°, 34%, 99%
XYZ	49.9593, 43.9480, 98.7626
YIQ	179.8050, -20.1790, 29.8130

Conversions

Conversions Part 2

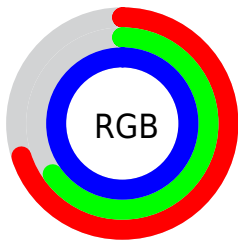
Format	Color
R _Y B	179, 166, 253
Decimal	11773693
CIE Lab	72.19, 23.37, -41.54
CIE LCh	72, 47.666, 299.363
Yxy	43.9480, 0.2593, 0.2281
Android (android.graphics.Color)	4289963773 (0xFFB3A6FD)
YUV	179.8050, 36.0851, -0.7060
Hunter-Lab	66.2933, 18.5062, -41.9239

Details

The Yxy color **43.9480, 0.2593, 0.2281** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **91.5078, 0.3557, 0.4177**, and the grayscale version is **45.3461, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.7658, 0.3013, 0.2946**, and **20.3052, 0.2442, 0.2042** is the 20% darker color. If you saturate the color by 10%, you get **33.2730, 0.2401, 0.1938**, and if you desaturate by 10%, it is **56.8349, 0.2771, 0.2608**.

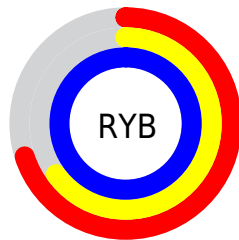
Distribution



Red (70%)

Green (65%)

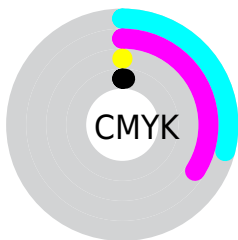
Blue (99%)



Red (70%)

Yellow (65%)

Blue (99%)

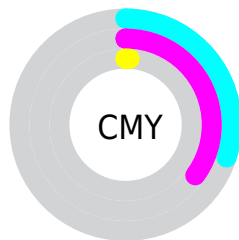


Cyan (29%)

Magenta (34%)

Yellow (0%)

Black (1%)



Cyan (30%)


Magenta (35%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9480, 0.2593, 0.2281 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 43.9480, 0.2593, 0.2281 by changing the saturation by 10% instead.


 43.9480, 0.2593,
0.2281


 43.9480, 0.2593,
0.2281


362.4960, 0.2863,
0.2753

 30.6296, 0.2527,
0.2174


 81.1395, 0.2690,
0.2444

 20.3170, 0.2443,
0.2043


 105.7814, 0.2727,
0.2508

 12.6257, 0.2334,
0.1880

134.9666, 0.2758,
0.2563

 7.1713, 0.2187,
0.1671

169.0795, 0.2785,
0.2611

 3.5695, 0.1983,
0.1401

208.5045, 0.2808,
0.2653

 1.4358, 0.1686,
0.1046

253.6260, 0.2829,


 0.2429, 0.1268,


0.2690


0.0384


304.8284, 0.2847,
0.2723

 0.0000, 0.0000,
0.0000


 43.9480, 0.2593,
0.2281


 43.9480, 0.2593,
0.2281


 33.2730, 0.2401,
0.1938


 56.8349, 0.2771,
0.2608

 24.6797, 0.2203,
0.1596


 72.0438, 0.2931,
0.2910

 18.0324, 0.2009,
0.1276

 89.6834, 0.3072,
0.3181

 13.1765, 0.1835,
0.1002

 99.8707, 0.3139,
0.3309

 9.9339, 0.1692,
0.0796

■ 8.0885, 0.1590,
0.0670

■ 7.5013, 0.1551,
0.0628

Harmonies

Analogous

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



43.9480, 0.2144, 0.2266



43.9480, 0.2593, 0.2281



43.9480, 0.3239, 0.2506

Triad

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



43.9480, 0.2593, 0.2281



43.9480, 0.4456, 0.3893



43.9480, 0.2344, 0.3685

Complementary

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



43.9480, 0.2593, 0.2281



91.5078, 0.3557, 0.4177

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.



43.9480, 0.2908, 0.4309



43.9480, 0.2593, 0.2281



43.9480, 0.4138, 0.4335

Square

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



43.9480, 0.2593, 0.2281



43.9480, 0.4387, 0.3381



43.9480, 0.3565, 0.4538



43.9480, 0.2009, 0.2991

Rectangle

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



43.9480, 0.2593, 0.2281



43.9480, 0.3705, 0.2750



43.9480, 0.3565, 0.4538



43.9480, 0.2511, 0.3920

Sweetspot

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



43.9497, 0.2593, 0.2281



80.9137, 0.2995, 0.3032



78.3356, 0.2622, 0.3159



16.7885, 0.2975, 0.2994



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.



43.9497, 0.2593, 0.2281



37.2967, 0.2467, 0.2055



49.7477, 0.2911, 0.2366



17.5084, 0.3002, 0.3046



4.0290, 0.1560, 0.0633



0.4290, 0.1645, 0.0680

Inverse Universe

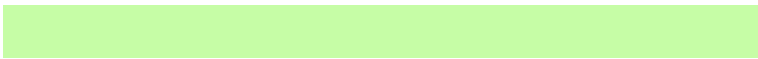
The Inverse Universe completely reimagines the original color for something new.



54.4383, 0.3272, 0.2550



49.4680, 0.3306, 0.2411



84.9834, 0.3275, 0.4264



18.2508, 0.3161, 0.3090



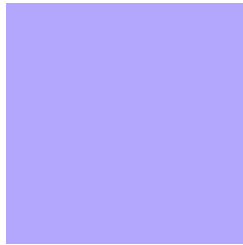
13.7382, 0.3629, 0.1773



1.3498, 0.3574, 0.1742

Previews

White Background



This preview shows how the Yxy color 43.9480, 0.2593, 0.2281 looks on a white background.

Color Contrast Check

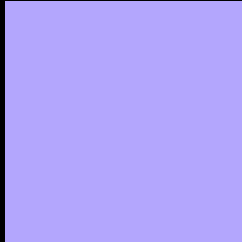
Large Text (above 18pt) WCAG AA × Fail

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 43.9480, 0.2593, 0.2281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

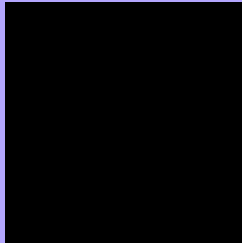
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9480, 0.2593, 0.2281

Background



This preview shows how black text looks on a background with the Yxy color 43.9480, 0.2593, 0.2281.



This preview shows how white text looks on a background with the Yxy color 43.9480, 0.2593, 0.2281.

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

43.9480, 0.2593, 0.2281

Protanopia

44.0714, 0.2409, 0.2311

Deuteranopia

44.1090, 0.2426, 0.2361



Tritanopia

43.8621, 0.2926, 0.3102

Trichromacy



Original Color

43.9480, 0.2593, 0.2281

Protanomaly

43.8586, 0.2472, 0.2299

Deuteranomaly

44.1104, 0.2484, 0.2331

Tritanomaly

43.7851, 0.2796, 0.2778

Monochromacy



Original Color

43.9480, 0.2593, 0.2281

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.8682, 0.2919, 0.2884

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9480, 0.2593, 0.2281 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, 166, 253)` looks like.

```
.text, #text, p{  
    color:rgb(179, 166, 253)  
}
```

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, 166, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 166, 253) }
```

Border

The CSS property to change the border of an element to Yxy 43.9480, 0.2593, 0.2281 is called "border". The border property can be set on classes, ids or directly on the HTML element.

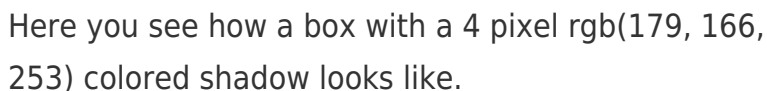
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 166, 253) }
```

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

```
.border{ border-color:rgb(179, 166, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 166, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 166, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 166, 253);  
box-shadow:4px 4px 4px 4px rgb(179, 166,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9480, 0.2593, 0.2281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 166, 253) }
```

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

```
.background{ background-color: rgb(179,  
166, 253) }
```

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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