

Converting Colors

$Yxy(47.5346, 0.2309, 0.1819)$

Have a look what the booklet for
Yxy(47.5346, 0.2309, 0.1819)
contains.

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Color

Yxy(43.5947, 0.2592, 0.2243)

Conversions

Conversions Part 1

Format	Color
Hex	B5A4FF
RGB	181, 164, 255
RGB Percent	71%, 64%, 100%
CMY	0.2903, 0.3568, 0.0000
CMYK	0.29, 0.36, 0.00, 0.00
HSL	251°, 100%, 82%
HSV	251°, 36%, 100%
XYZ	50.3778, 43.5947, 100.3864
YIQ	179.4570, -19.0790, 31.9050

Conversions

Conversions Part 2

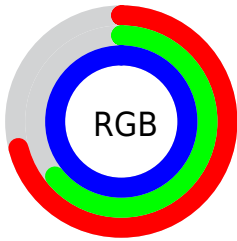
Format	Color
R_{YB}	181, 164, 255
Decimal	11904255
CIE _{Lab}	71.96, 25.52, -43.01
CIE _{LCh}	72, 50.007, 300.682
Yxy	43.5947, 0.2592, 0.2243
Android (android.graphics.Color)	4290094335 (0xFFB5A4FF)
YUV	179.4570, 37.2427, 1.3532
Hunter-Lab	66.0263, 20.6489, -43.9261

Details

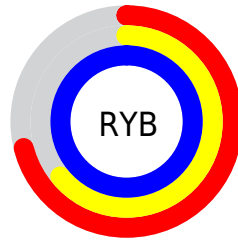
The Yxy color **43.5947, 0.2592, 0.2243** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **92.3861, 0.3550, 0.4219**, and the grayscale version is **45.1385, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.0602, 0.3026, 0.2927**, and **20.1012, 0.2442, 0.1996** is the 20% darker color. If you saturate the color by 10%, you get **33.0402, 0.2405, 0.1903**, and if you desaturate by 10%, it is **56.3527, 0.2765, 0.2570**.

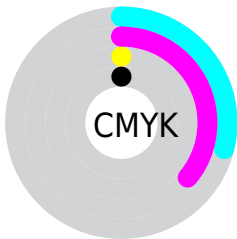
Distribution



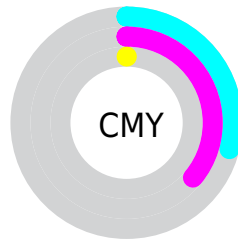
- Red (71%)
- Green (64%)
- Blue (100%)



- Red (71%)
- Yellow (64%)
- Blue (100%)



- Cyan (29%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5947, 0.2592, 0.2243 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 43.5947, 0.2592, 0.2243 by changing the saturation by 10% instead.


 43.5947, 0.2592,
0.2243

 43.5947, 0.2592,
0.2243


361.0518, 0.2863,
0.2730

 30.3520, 0.2525,
0.2133


 80.6075, 0.2690,
0.2411

 20.1059, 0.2441,
0.1999


 105.1464, 0.2727,
0.2477

 12.4721, 0.2331,
0.1832


134.2195, 0.2758,
0.2534

 7.0660, 0.2183,
0.1620

168.2112, 0.2785,
0.2583

 3.5034, 0.1978,
0.1347

207.5059, 0.2809,
0.2627

 1.3999, 0.1680,
0.0993

252.4880, 0.2829,

 0.2166, 0.1265,

0.2665

0.0331

303.5418, 0.2847,
0.2700

0.0000, 0.0000,
0.0000

43.5947, 0.2592,
0.2243

43.5947, 0.2592,
0.2243

33.0402, 0.2405,
0.1903

56.3527, 0.2765,
0.2570

24.5623, 0.2212,
0.1567

71.4299, 0.2921,
0.2873

18.0217, 0.2024,
0.1255

88.9346, 0.3058,
0.3148

13.2616, 0.1852,
0.0990

100.0000, 0.3127,
0.3290

10.1000, 0.1711,
0.0793

■ 8.3141, 0.1608,
0.0674

■ 7.8366, 0.1575,
0.0641

Harmonies

Analogous

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



43.5947, 0.2115, 0.2215



43.5947, 0.2592, 0.2243



43.5947, 0.3275, 0.2485

Triad

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



43.5947, 0.2592, 0.2243



43.5947, 0.4514, 0.3936



43.5947, 0.2283, 0.3672

Complementary

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



43.5947, 0.2592, 0.2243



92.3861, 0.3550, 0.4219

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.



43.5947, 0.2863, 0.4346



43.5947, 0.2592, 0.2243



43.5947, 0.4160, 0.4398

Square

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



43.5947, 0.2592, 0.2243



43.5947, 0.4465, 0.3403



43.5947, 0.3551, 0.4605



43.5947, 0.1949, 0.2943

Rectangle

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



43.5947, 0.2592, 0.2243



43.5947, 0.3764, 0.2744



43.5947, 0.3551, 0.4605



43.5947, 0.2454, 0.3923

Sweetspot

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



43.5949, 0.2592, 0.2243



79.3162, 0.2987, 0.3005



76.4488, 0.2598, 0.3102



16.4762, 0.2969, 0.2968



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.



43.5949, 0.2592, 0.2243



35.6612, 0.2456, 0.1995



49.9743, 0.2937, 0.2339



17.5405, 0.3008, 0.3046



4.1411, 0.1586, 0.0647



0.4446, 0.1681, 0.0700

Inverse Universe

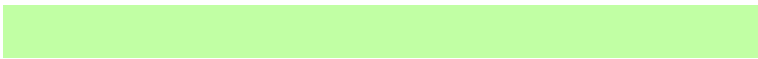
The Inverse Universe completely reimagines the original color for something new.



53.9911, 0.3306, 0.2551



47.5912, 0.3353, 0.2405



85.5153, 0.3250, 0.4315



18.2389, 0.3167, 0.3099



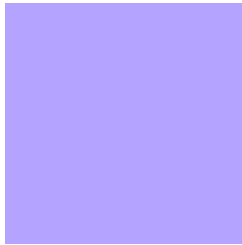
13.4961, 0.3746, 0.1837



1.3284, 0.3674, 0.1797

Previews

White Background



This preview shows how the Yxy color 43.5947, 0.2592, 0.2243 looks on a white background.

Color Contrast Check

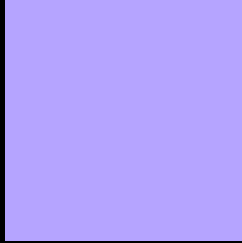
Large Text (above 18pt) WCAG AA × Fail

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 43.5947, 0.2592, 0.2243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

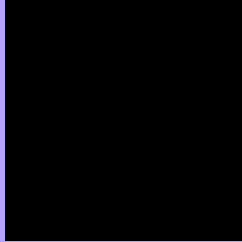
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5947, 0.2592, 0.2243

Background



This preview shows how black text looks on a background with the Yxy color 43.5947, 0.2592, 0.2243.

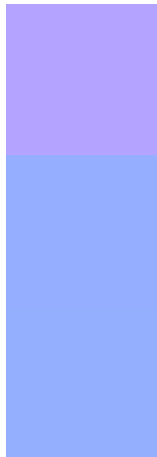


This preview shows how white text looks on a background with the Yxy color 43.5947, 0.2592, 0.2243.

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

43.5947, 0.2592, 0.2243

Protanopia

43.9761, 0.2403, 0.2309

Deuteranopia

43.9548, 0.2397, 0.2337



Tritanopia

43.5307, 0.2941, 0.3102

Trichromacy



Original Color

43.5947, 0.2592, 0.2243

Protanomaly

43.5465, 0.2465, 0.2278

Deuteranomaly

43.6525, 0.2459, 0.2296

Tritanomaly

43.2443, 0.2810, 0.2754

Monochromacy



Original Color

43.5947, 0.2592, 0.2243

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.4804, 0.2919, 0.2871

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5947, 0.2592, 0.2243 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(181, 164, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 164, 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(181, 164, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 164, 255) }
```

Border

The CSS property to change the border of an element to Yxy 43.5947, 0.2592, 0.2243 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(181, 164, 255) }
```

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

```
.border{ border-color:rgb(181, 164, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 164, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 164, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 164, 255);  
box-shadow:4px 4px 4px 4px rgb(181, 164,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5947, 0.2592, 0.2243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 164, 255) }
```

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

```
.background{ background-color: rgb(181,  
164, 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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