

Converting Colors

$Y_{xy}(48.6912, 0.2311, 0.1798)$

Have a look what the booklet for
Yxy(48.6912, 0.2311, 0.1798)
contains.

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Color

Yxy(44.0852, 0.2621, 0.2251)

Conversions

Conversions Part 1

Format	Color
Hex	B9A4FF
RGB	185, 164, 255
RGB Percent	73%, 64%, 100%
CMY	0.2746, 0.3568, 0.0000
CMYK	0.27, 0.36, 0.00, 0.00
HSL	254°, 100%, 82%
HSV	254°, 36%, 100%
XYZ	51.3315, 44.0852, 100.4304
YIQ	180.6530, -16.6950, 32.7530

Conversions

Conversions Part 2

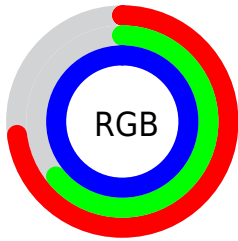
Format	Color
R _Y B	185, 164, 255
Decimal	12166399
CIE Lab	72.29, 26.64, -42.47
CIE LCh	72, 50.132, 302.098
Yxy	44.0852, 0.2621, 0.2251
Android (android.graphics.Color)	4290356479 (0xFFB9A4FF)
YUV	180.6530, 36.6531, 3.8123
Hunter-Lab	66.3967, 21.8049, -43.2033

Details

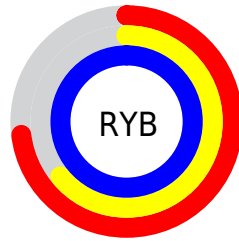
The Yxy color **44.0852, 0.2621, 0.2251** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **91.6980, 0.3523, 0.4228**, and the grayscale version is **45.8154, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9377, 0.3061, 0.2931**, and **20.4114, 0.2479, 0.2008** is the 20% darker color. If you saturate the color by 10%, you get **33.5806, 0.2443, 0.1917**, and if you desaturate by 10%, it is **56.7567, 0.2786, 0.2574**.

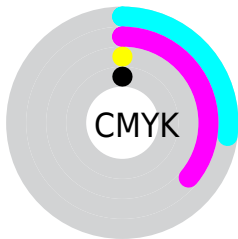
Distribution



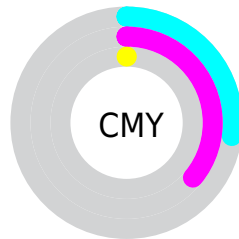
- Red (73%)
- Green (64%)
- Blue (100%)



- Red (73%)
- Yellow (64%)
- Blue (100%)



- Cyan (27%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)





- Cyan (27%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0852, 0.2621, 0.2251 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 44.0852, 0.2621, 0.2251 by changing the saturation by 10% instead.


 44.0852, 0.2621,
0.2251

 44.0852, 0.2621,
0.2251


363.0558, 0.2878,
0.2734

 30.7375, 0.2558,
0.2142


 81.3459, 0.2714,
0.2418

 20.3990, 0.2477,
0.2010


 106.0278, 0.2749,
0.2483

 12.6854, 0.2372,
0.1845


135.2564, 0.2779,
0.2539

 7.2123, 0.2231,
0.1636

169.4163, 0.2804,
0.2588

 3.5952, 0.2034,
0.1366

208.8917, 0.2827,
0.2631

 1.4498, 0.1746,
0.1015

254.0672, 0.2846,

 0.2530, 0.1339,

0.2669

0.0380

305.3271, 0.2863,
0.2703

0.0000, 0.0000,
0.0000

44.0852, 0.2621,
0.2251

44.0852, 0.2621,
0.2251

33.5806, 0.2443,
0.1917

56.7567, 0.2786,
0.2574

25.1186, 0.2257,
0.1585

71.7082, 0.2933,
0.2874

18.5629, 0.2073,
0.1278

89.0456, 0.3062,
0.3148

13.7602, 0.1903,
0.1016

100.0000, 0.3127,
0.3290

10.5324, 0.1759,
0.0819

■ 8.6613, 0.1649,
0.0696

■ 8.1428, 0.1611,
0.0661

Harmonies

Analogous

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



44.0852, 0.2133, 0.2212



44.0852, 0.2621, 0.2251



44.0852, 0.3309, 0.2502

Triad

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



44.0852, 0.2621, 0.2251



44.0852, 0.4504, 0.3960



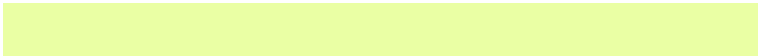
44.0852, 0.2262, 0.3635

Complementary

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



44.0852, 0.2621, 0.2251



91.6980, 0.3523, 0.4228

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.



44.0852, 0.2833, 0.4320



44.0852, 0.2621, 0.2251



44.0852, 0.4135, 0.4414

Square

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



44.0852, 0.2621, 0.2251



44.0852, 0.4476, 0.3428



44.0852, 0.3519, 0.4603



44.0852, 0.1941, 0.2913

Rectangle

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



44.0852, 0.2621, 0.2251



44.0852, 0.3797, 0.2765



44.0852, 0.3519, 0.4603



44.0852, 0.2429, 0.3887

Sweetspot

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



44.0854, 0.2621, 0.2251



79.5243, 0.2995, 0.3006



74.6934, 0.2593, 0.3067



16.5255, 0.2978, 0.2969



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.



44.0854, 0.2621, 0.2251



36.1934, 0.2492, 0.2007



50.4678, 0.2961, 0.2345



17.5797, 0.3015, 0.3047



4.3098, 0.1624, 0.0668



0.4663, 0.1729, 0.0726

Inverse Universe

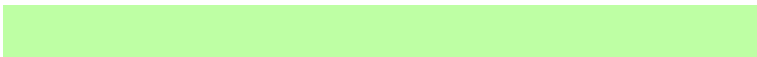
The Inverse Universe completely reimagines the original color for something new.



53.7560, 0.3340, 0.2588



47.3159, 0.3397, 0.2448



85.1206, 0.3231, 0.4322



18.2245, 0.3173, 0.3109



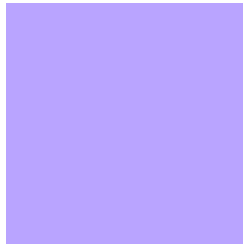
13.2208, 0.3896, 0.1920



1.3039, 0.3801, 0.1868

Previews

White Background



This preview shows how the Yxy color 44.0852, 0.2621, 0.2251 looks on a white background.

Color Contrast Check

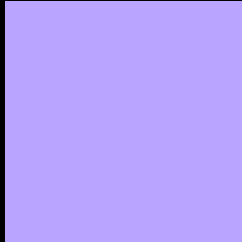
Large Text (above 18pt) WCAG AA × Fail

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 44.0852, 0.2621, 0.2251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

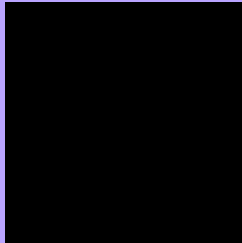
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0852, 0.2621, 0.2251

Background



This preview shows how black text looks on a background with the Yxy color 44.0852, 0.2621, 0.2251.



This preview shows how white text looks on a background with the Yxy color 44.0852, 0.2621, 0.2251.

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

44.0852, 0.2621, 0.2251

Protanopia

44.4593, 0.2411, 0.2323

Deuteranopia

44.5321, 0.2411, 0.2352



Tritanopia

44.0901, 0.2983, 0.3105

Trichromacy



Original Color

44.0852, 0.2621, 0.2251

Protanomaly

44.1324, 0.2479, 0.2293

Deuteranomaly

44.3422, 0.2480, 0.2313

Tritanomaly

43.7072, 0.2842, 0.2759

Monochromacy



Original Color

44.0852, 0.2621, 0.2251

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.1591, 0.2928, 0.2874

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0852, 0.2621, 0.2251 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(185, 164, 255)` looks like.

```
.text, #text, p{  
    color:rgb(185, 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(185, 164, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 164, 255) }
```

Border

The CSS property to change the border of an element to Yxy 44.0852, 0.2621, 0.2251 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(185, 164, 255) }
```

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

```
.border{ border-color:rgb(185, 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(185, 164, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 164, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 164, 255);  
box-shadow:4px 4px 4px 4px rgb(185, 164,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0852, 0.2621, 0.2251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 164, 255) }
```

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

```
.background{ background-color: rgb(185,  
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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