

Converting Colors

$Y_{xy}(44.1740, 0.2540, 0.2278)$

Have a look what the booklet for
Yxy(44.1740, 0.2540, 0.2278)
contains.

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Color

Yxy(44.1095, 0.2542, 0.2275)

Conversions

Conversions Part 1

Format	Color
Hex	ADA8FF
RGB	173, 168, 255
RGB Percent	68%, 66%, 100%
CMY	0.3214, 0.3412, 0.0001
CMYK	0.32, 0.34, 0.00, 0.00
HSL	243°, 100%, 83%
HSV	243°, 34%, 100%
XYZ	49.2863, 44.1095, 100.4921
YIQ	179.4130, -24.9470, 28.1170

Conversions

Conversions Part 2

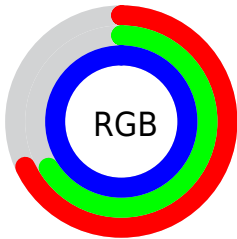
Format	Color
RYB	173, 168, 255
Decimal	11380991
CIELab	72.30, 21.09, -42.48
CIELCh	72, 47.426, 296.400
Yxy	44.1095, 0.2542, 0.2275
Android (android.graphics.Color)	4289571071 (0xFFADA8FF)
YUV	179.4130, 37.2644, -5.6242
Hunter-Lab	66.4150, 16.2380, -43.2208

Details

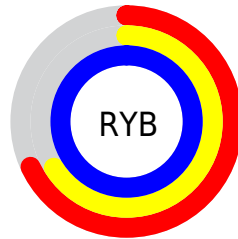
The Yxy color **44.1095, 0.2542, 0.2275** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **94.6346, 0.3609, 0.4154**, and the grayscale version is **45.1214, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.8183, 0.2973, 0.2963**, and **20.4196, 0.2381, 0.2033** is the 20% darker color. If you saturate the color by 10%, you get **33.1048, 0.2335, 0.1923**, and if you desaturate by 10%, it is **57.4553, 0.2737, 0.2609**.

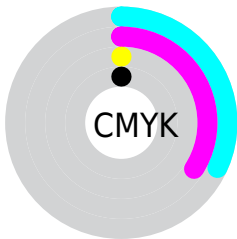
Distribution



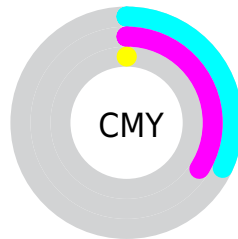
- Red (68%)
- Green (66%)
- Blue (100%)



- Red (68%)
- Yellow (66%)
- Blue (100%)



- Cyan (32%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)





- Cyan (32%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.1095, 0.2542, 0.2275 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 44.1095, 0.2542, 0.2275 by changing the saturation by 10% instead.


 44.1095, 0.2542,
0.2275


 44.1095, 0.2542,
0.2275


363.1549, 0.2835,
0.2750

 30.7566, 0.2471,
0.2167


 81.3825, 0.2647,
0.2440

 20.4136, 0.2381,
0.2035


 106.0714, 0.2687,
0.2504

 12.6960, 0.2264,
0.1871


135.3077, 0.2721,
0.2559

 7.2196, 0.2109,
0.1661

169.4759, 0.2750,
0.2607

 3.5998, 0.1895,
0.1390

208.9603, 0.2776,
0.2649

 1.4523, 0.1587,
0.1035

254.1453, 0.2798,

 0.2548, 0.1158,

0.2687

0.0390

305.4154, 0.2818,
0.2720

■ 0.0000, 0.0000,
0.0000

■ 44.1095, 0.2542,
0.2275

■ 44.1095, 0.2542,
0.2275

■ 33.1048, 0.2335,
0.1923

■ 57.4553, 0.2737,
0.2609

■ 24.3015, 0.2124,
0.1571

■ 73.2610, 0.2913,
0.2915

■ 17.5527, 0.1925,
0.1242

■ 91.6436, 0.3069,
0.3188

■ 12.6916, 0.1752,
0.0965

■ 99.9976, 0.3127,
0.3290

■ 9.5254, 0.1621,
0.0761

■ 7.8198, 0.1539,
0.0643

■ 7.3172, 0.1512,
0.0607

Harmonies

Analogous

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



44.1095, 0.2119, 0.2282



44.1095, 0.2542, 0.2275



44.1095, 0.3169, 0.2480

Triad

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



44.1095, 0.2542, 0.2275



44.1095, 0.4460, 0.3842



44.1095, 0.2395, 0.3753

Complementary

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



44.1095, 0.2542, 0.2275



94.6346, 0.3609, 0.4154

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.



44.1095, 0.2973, 0.4345



44.1095, 0.2542, 0.2275



44.1095, 0.4177, 0.4293

Square

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



44.1095, 0.2542, 0.2275



44.1095, 0.4349, 0.3331



44.1095, 0.3626, 0.4527



44.1095, 0.2036, 0.3055

Rectangle

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



44.1095, 0.2542, 0.2275



44.1095, 0.3634, 0.2713



44.1095, 0.3626, 0.4527



44.1095, 0.2569, 0.3981

Sweetspot

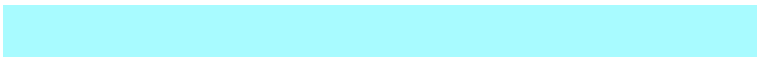
The Sweet Spot groups the original color and five complimentary colors.



44.1112, 0.2542, 0.2275



80.5206, 0.2980, 0.3031



84.2965, 0.2636, 0.3241



16.6943, 0.2957, 0.2992



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.



44.1112, 0.2542, 0.2275



36.2946, 0.2400, 0.2033



49.7961, 0.2857, 0.2359



17.4279, 0.2987, 0.3045



3.8442, 0.1517, 0.0609



0.3911, 0.1557, 0.0632

Inverse Universe

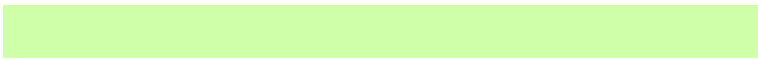
The Inverse Universe completely reimagines the original color for something new.



56.1562, 0.3206, 0.2484



50.0529, 0.3224, 0.2329



87.6083, 0.3321, 0.4242



18.2811, 0.3147, 0.3069



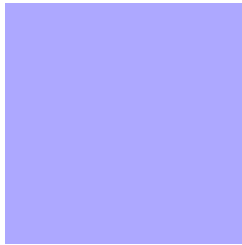
14.4115, 0.3360, 0.1625



1.4085, 0.3341, 0.1614

Previews

White Background



This preview shows how the Yxy color 44.1095, 0.2542, 0.2275 looks on a white background.

Color Contrast Check

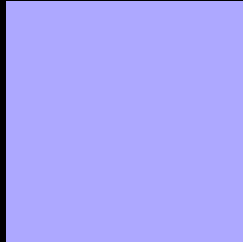
Large Text (above 18pt) WCAG AA × Fail

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 44.1095, 0.2542, 0.2275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

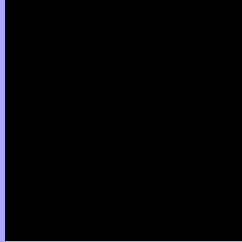
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.1095, 0.2542, 0.2275

Background



This preview shows how black text looks on a background with the Yxy color 44.1095, 0.2542, 0.2275.



This preview shows how white text looks on a background with the Yxy color 44.1095, 0.2542, 0.2275.

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

44.1095, 0.2542, 0.2275

Protanopia

44.0714, 0.2409, 0.2311

Deuteranopia

44.0477, 0.2403, 0.2338



Tritanopia

44.0111, 0.2857, 0.3100

Trichromacy



Original Color

44.1095, 0.2542, 0.2275

Protanomaly

44.0960, 0.2455, 0.2299

Deuteranomaly

43.8289, 0.2448, 0.2305

Tritanomaly

44.0079, 0.2739, 0.2774

Monochromacy



Original Color

44.1095, 0.2542, 0.2275

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.5120, 0.2895, 0.2881

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1095, 0.2542, 0.2275 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(173, 168, 255)` looks like.

```
.text, #text, p{  
    color:rgb(173, 168, 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(173, 168, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 168, 255) }
```

Border

The CSS property to change the border of an element to Yxy 44.1095, 0.2542, 0.2275 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(173, 168, 255) }
```

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

```
.border{ border-color:rgb(173, 168, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 168, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 168, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 168, 255);  
box-shadow:4px 4px 4px 4px rgb(173, 168,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1095, 0.2542, 0.2275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 168, 255) }
```

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

```
.background{ background-color: rgb(173,  
168, 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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