

Converting Colors

$Y_{xy}(43.4114, 0.2569, 0.2170)$

Have a look what the booklet for
Yxy(43.4114, 0.2569, 0.2170)
contains.

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Color

Yxy(43.1279, 0.2604, 0.2224)

Conversions

Conversions Part 1

Format	Color
Hex	B7A2FF
RGB	183, 162, 255
RGB Percent	72%, 64%, 100%
CMY	0.2825, 0.3647, 0.0000
CMYK	0.28, 0.36, 0.00, 0.00
HSL	254°, 100%, 82%
HSV	254°, 36%, 100%
XYZ	50.4969, 43.1279, 100.2956
YIQ	178.8810, -17.3370, 33.3750

Conversions

Conversions Part 2

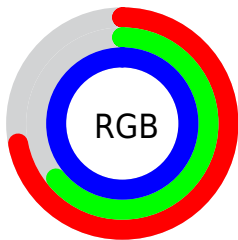
Format	Color
RYB	183, 162, 255
Decimal	12034815
CIELab	71.64, 27.19, -43.49
CIELCh	72, 51.293, 302.017
Yxy	43.1279, 0.2604, 0.2224
Android (android.graphics.Color)	4290224895 (0xFFB7A2FF)
YUV	178.8810, 37.5267, 3.6124
Hunter-Lab	65.6718, 22.3278, -44.5789

Details

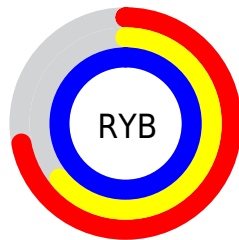
The Yxy color **43.1279, 0.2604, 0.2224** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **91.6278, 0.3534, 0.4248**, and the grayscale version is **44.8138, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.5465, 0.3047, 0.2909**, and **19.8183, 0.2456, 0.1973** is the 20% darker color. If you saturate the color by 10%, you get **32.7818, 0.2424, 0.1889**, and if you desaturate by 10%, it is **55.6347, 0.2771, 0.2549**.

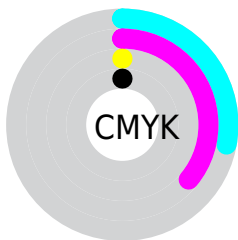
Distribution



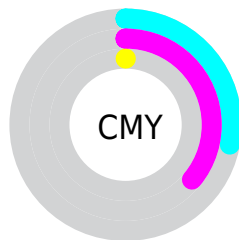
- Red (72%)
- Green (64%)
- Blue (100%)



- Red (72%)
- Yellow (64%)
- Blue (100%)



- Cyan (28%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)





- Cyan (28%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1279, 0.2604, 0.2224 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 43.1279, 0.2604, 0.2224 by changing the saturation by 10% instead.

 43.1279, 0.2604,
0.2224


 43.1279, 0.2604,
0.2224


359.1375, 0.2870,
0.2720

 29.9855, 0.2538,
0.2113

 79.9038, 0.2701,
0.2395

 19.8276, 0.2455,
0.1976


 104.3061, 0.2737,
0.2462

 12.2698, 0.2346,
0.1807


133.2305, 0.2768,
0.2520

 6.9277, 0.2199,
0.1593

167.0614, 0.2794,
0.2570

 3.4169, 0.1995,
0.1318

206.1831, 0.2817,
0.2614

 1.3531, 0.1697,
0.0964

250.9801, 0.2837,

 0.1817, 0.1284,

0.2653

0.0279

301.8368, 0.2855,
0.2688

0.0000, 0.0000,
0.0000

43.1279, 0.2604,
0.2224

43.1279, 0.2604,
0.2224

32.7818, 0.2424,
0.1889

55.6347, 0.2771,
0.2549

24.4723, 0.2237,
0.1558

70.4177, 0.2920,
0.2852

18.0614, 0.2053,
0.1252

87.5833, 0.3052,
0.3127

13.3936, 0.1885,
0.0995

100.0000, 0.3127,
0.3290

10.2880, 0.1743,
0.0804

■ 8.5211, 0.1637,
0.0687

■ 8.1041, 0.1607,
0.0659

Harmonies

Analogous

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



43.1279, 0.2105, 0.2184



43.1279, 0.2604, 0.2224



43.1279, 0.3312, 0.2481

Triad

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



43.1279, 0.2604, 0.2224



43.1279, 0.4543, 0.3972



43.1279, 0.2238, 0.3647

Complementary

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



43.1279, 0.2604, 0.2224



91.6278, 0.3534, 0.4248

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.



43.1279, 0.2823, 0.4357



43.1279, 0.2604, 0.2224



43.1279, 0.4162, 0.4442

Square

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



43.1279, 0.2604, 0.2224



43.1279, 0.4516, 0.3427



43.1279, 0.3528, 0.4645



43.1279, 0.1910, 0.2901

Rectangle

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



43.1279, 0.2604, 0.2224



43.1279, 0.3815, 0.2749



43.1279, 0.3528, 0.4645



43.1279, 0.2409, 0.3909

Sweetspot

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



43.1276, 0.2604, 0.2224



79.5005, 0.2995, 0.3006



74.2343, 0.2582, 0.3061



16.5198, 0.2977, 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.



43.1276, 0.2604, 0.2224



35.1399, 0.2469, 0.1972



49.6648, 0.2956, 0.2324



17.5752, 0.3014, 0.3047



4.2886, 0.1619, 0.0666



0.4637, 0.1723, 0.0723

Inverse Universe

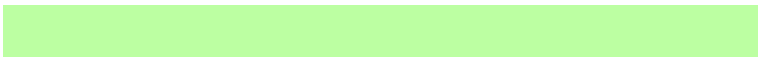
The Inverse Universe completely reimagines the original color for something new.



53.0466, 0.3342, 0.2568



46.5417, 0.3400, 0.2424



84.8657, 0.3233, 0.4347



18.2262, 0.3173, 0.3108



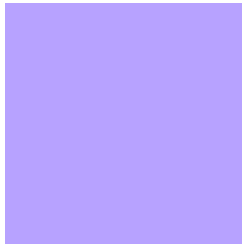
13.2513, 0.3878, 0.1910



1.3066, 0.3786, 0.1859

Previews

White Background



This preview shows how the Yxy color 43.1279, 0.2604, 0.2224 looks on a white background.

Color Contrast Check

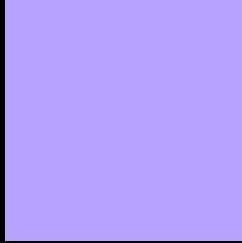
Large Text (above 18pt) WCAG AA × Fail

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 43.1279, 0.2604, 0.2224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

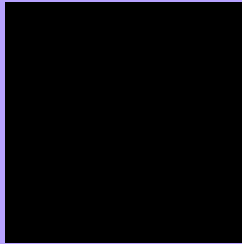
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1279, 0.2604, 0.2224

Background



This preview shows how black text looks on a background with the Yxy color 43.1279, 0.2604, 0.2224.



This preview shows how white text looks on a background with the Yxy color 43.1279, 0.2604, 0.2224.

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

43.1279, 0.2604, 0.2224

Protanopia

43.4030, 0.2389, 0.2294

Deuteranopia

43.3837, 0.2383, 0.2321



Tritanopia

43.2708, 0.2973, 0.3116

Trichromacy



Original Color

43.1279, 0.2604, 0.2224

Protanomaly

43.1730, 0.2463, 0.2265

Deuteranomaly

43.2761, 0.2457, 0.2284

Tritanomaly

43.0439, 0.2833, 0.2755

Monochromacy



Original Color

43.1279, 0.2604, 0.2224

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.0954, 0.2918, 0.2858

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1279, 0.2604, 0.2224 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(183, 162, 255)` looks like.

```
.text, #text, p{  
    color:rgb(183, 162, 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(183, 162, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 162, 255) }
```

Border

The CSS property to change the border of an element to Yxy 43.1279, 0.2604, 0.2224 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(183, 162, 255) }
```

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

```
.border{ border-color:rgb(183, 162, 255) }
```

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

Here you see how a box with a 4 pixel rgb(183, 162, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 162, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 162, 255);  
box-shadow:4px 4px 4px 4px rgb(183, 162,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1279, 0.2604, 0.2224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 162, 255) }
```

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

```
.background{ background-color: rgb(183,  
162, 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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