

Converting Colors

$Y_{xy}(43.2127, 0.2659, 0.2251)$

Have a look what the booklet for
Yxy(43.2127, 0.2659, 0.2251)
contains.

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Color

Yxy(43.2094, 0.2659, 0.2250)

Conversions

Conversions Part 1

Format	Color
Hex	BCA1FC
RGB	188, 161, 252
RGB Percent	74%, 63%, 99%
CMY	0.2626, 0.3687, 0.0116
CMYK	0.25, 0.36, 0.00, 0.01
HSL	258°, 94%, 81%
HSV	258°, 36%, 99%
XYZ	51.0639, 43.2094, 97.7685
YIQ	179.4470, -13.1190, 34.0250

Conversions

Conversions Part 2

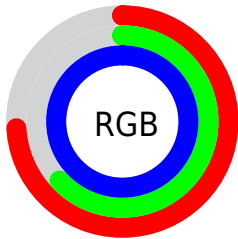
Format	Color
RYB	188, 161, 252
Decimal	12362236
CIELab	71.70, 28.47, -41.75
CIELCh	72, 50.529, 304.289
Yxy	43.2094, 0.2659, 0.2250
Android (android.graphics.Color)	4290552316 (0xFFBCA1FC)
YUV	179.4470, 35.7686, 7.5010
Hunter-Lab	65.7339, 23.6296, -42.1706

Details

The Yxy color **43.2094, 0.2659, 0.2250** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **88.2172, 0.3485, 0.4253**, and the grayscale version is **45.1436, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.9246, 0.3082, 0.2903**, and **19.8640, 0.2524, 0.2006** is the 20% darker color. If you saturate the color by 10%, you get **33.1593, 0.2494, 0.1923**, and if you desaturate by 10%, it is **55.3142, 0.2810, 0.2567**.

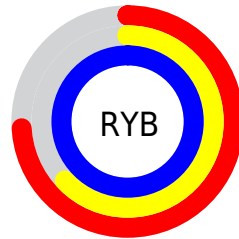
Distribution



Red (74%)

Green (63%)

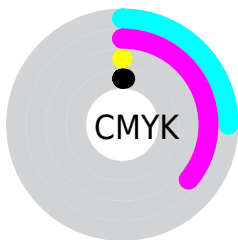
Blue (99%)



Red (74%)

Yellow (63%)

Blue (99%)

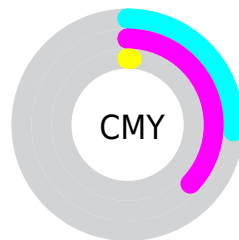


Cyan (25%)

Magenta (36%)

Yellow (0%)

Black (1%)



Cyan (26%)


Magenta (37%)

Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2094, 0.2659, 0.2250 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 43.2094, 0.2659, 0.2250 by changing the saturation by 10% instead.


 43.2094, 0.2659,
0.2250


 43.2094, 0.2659,
0.2250


359.4722, 0.2899,
0.2734

 30.0494, 0.2599,
0.2141


 80.0268, 0.2747,
0.2417

 19.8761, 0.2523,
0.2007


 104.4530, 0.2779,
0.2483

 12.3050, 0.2422,
0.1841


133.4034, 0.2807,
0.2539

 6.9518, 0.2286,
0.1630

167.2623, 0.2831,
0.2588

 3.4320, 0.2094,
0.1358

206.4143, 0.2851,
0.2631

 1.3612, 0.1810,
0.1003

251.2437, 0.2869,

 0.1879, 0.1410,

0.2669

0.0303

302.1349, 0.2885,
0.2703

0.0000, 0.0000,
0.0000

43.2094, 0.2659,
0.2250

43.2094, 0.2659,
0.2250

33.1593, 0.2494,
0.1923

55.3142, 0.2810,
0.2567

25.0415, 0.2320,
0.1602

69.5763, 0.2945,
0.2864

18.7284, 0.2146,
0.1304

86.0976, 0.3063,
0.3137

14.0740, 0.1981,
0.1050

99.8102, 0.3144,
0.3318

10.9089, 0.1836,
0.0857

■ 9.0244, 0.1720,
0.0734

■ 8.5209, 0.1682,
0.0700

Harmonies

Analogous

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



43.2094, 0.2148, 0.2193



43.2094, 0.2659, 0.2250



43.2094, 0.3366, 0.2518

Triad

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



43.2094, 0.2659, 0.2250



43.2094, 0.4507, 0.4004



43.2094, 0.2217, 0.3583

Complementary

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



43.2094, 0.2659, 0.2250



88.2172, 0.3485, 0.4253

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.



43.2094, 0.2779, 0.4297



43.2094, 0.2659, 0.2250



43.2094, 0.4108, 0.4454

Square

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



43.2094, 0.2659, 0.2250



43.2094, 0.4513, 0.3468



43.2094, 0.3472, 0.4620



43.2094, 0.1914, 0.2860

Rectangle

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



43.2094, 0.2659, 0.2250



43.2094, 0.3858, 0.2791



43.2094, 0.3472, 0.4620



43.2094, 0.2379, 0.3841

Sweetspot

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



43.2111, 0.2659, 0.2250



79.8412, 0.3008, 0.3007



69.1262, 0.2577, 0.2993



16.6006, 0.2992, 0.2970



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.



43.2111, 0.2659, 0.2250



37.0340, 0.2546, 0.2025



49.7222, 0.3008, 0.2348



16.8929, 0.3025, 0.3048



4.5035, 0.1697, 0.0708



0.4694, 0.1820, 0.0776

Inverse Universe

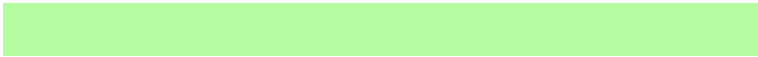
The Inverse Universe completely reimagines the original color for something new.



51.6216, 0.3396, 0.2637



46.9147, 0.3465, 0.2514



82.0015, 0.3194, 0.4348



17.4315, 0.3184, 0.3125



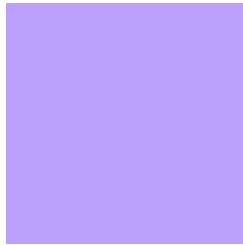
12.4641, 0.4137, 0.2052



1.1730, 0.3999, 0.1976

Previews

White Background



This preview shows how the Yxy color 43.2094, 0.2659, 0.2250 looks on a white background.

Color Contrast Check

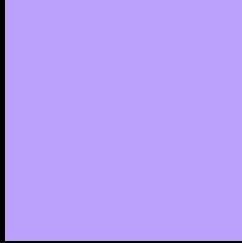
Large Text (above 18pt) WCAG AA × Fail

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 43.2094, 0.2659, 0.2250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

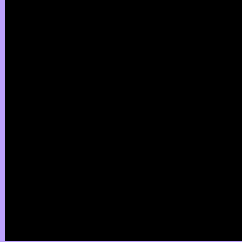
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.2094, 0.2659, 0.2250

Background



This preview shows how black text looks on a background with the Yxy color 43.2094, 0.2659, 0.2250.



This preview shows how white text looks on a background with the Yxy color 43.2094, 0.2659, 0.2250.

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

43.2094, 0.2659, 0.2250

Protanopia

43.4967, 0.2395, 0.2295

Deuteranopia

43.4076, 0.2422, 0.2365



Tritanopia

43.1331, 0.3032, 0.3105

Trichromacy



Original Color

43.2094, 0.2659, 0.2250

Protanomaly

43.3182, 0.2481, 0.2278

Deuteranomaly

43.0646, 0.2504, 0.2316

Tritanomaly

42.7824, 0.2887, 0.2759

Monochromacy



Original Color

43.2094, 0.2659, 0.2250

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

43.9064, 0.2942, 0.2859

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2094, 0.2659, 0.2250 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(188, 161, 252)` looks like.

```
.text, #text, p{  
    color:rgb(188, 161, 252)  
}
```

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(188, 161, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 161, 252) }
```

Border

The CSS property to change the border of an element to Yxy 43.2094, 0.2659, 0.2250 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(188, 161, 252) }
```

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

```
.border{ border-color:rgb(188, 161, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 161, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 161, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 161, 252);  
box-shadow:4px 4px 4px 4px rgb(188, 161,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2094, 0.2659, 0.2250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 161, 252) }
```

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

```
.background{ background-color: rgb(188,  
161, 252) }
```

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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