

Converting Colors

$Y_{xy}(43.1776, 0.2747, 0.2232)$

Have a look what the booklet for
Yxy(43.1776, 0.2747, 0.2232)
contains.

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Color

Yxy(43.2211, 0.2746, 0.2239)

Conversions

Conversions Part 1

Format	Color
Hex	C79DFB
RGB	199, 157, 251
RGB Percent	78%, 62%, 98%
CMY	0.2199, 0.3842, 0.0157
CMYK	0.21, 0.37, 0.00, 0.02
HSL	267°, 92%, 80%
HSV	267°, 37%, 98%
XYZ	53.0081, 43.2211, 96.8083
YIQ	180.2740, -5.1420, 38.1380

Conversions

Conversions Part 2

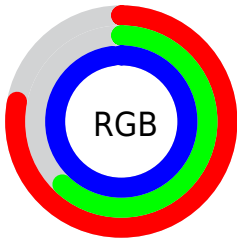
Format	Color
RYB	199, 157, 251
Decimal	13082107
CIELab	71.70, 33.53, -41.10
CIElCh	72, 53.040, 309.205
Yxy	43.2211, 0.2746, 0.2239
Android (android.graphics.Color)	4291272187 (0xFFC79DFB)
YUV	180.2740, 34.8679, 16.4227
Hunter-Lab	65.7428, 28.8740, -41.2865

Details

The Yxy color $43.2211, 0.2746, 0.2239$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $84.9936, 0.3401, 0.4321$, and the grayscale version is $45.6067, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.5670, 0.3147, 0.2871$, and $19.8378, 0.2626, 0.1995$ is the 20% darker color. If you saturate the color by 10%, you get $33.7669, 0.2612, 0.1932$, and if you desaturate by 10%, it is $54.5970, 0.2867, 0.2543$.

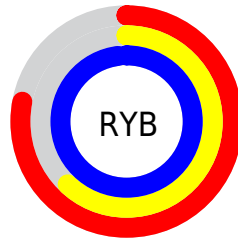
Distribution



Red (78%)

Green (62%)

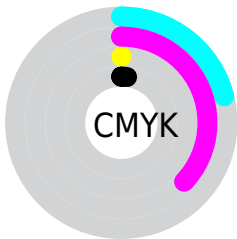
Blue (98%)



Red (78%)

Yellow (62%)

Blue (98%)

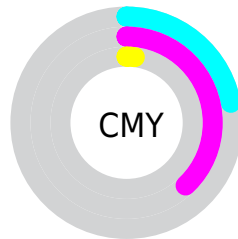


Cyan (21%)

Magenta (37%)

Yellow (0%)

Black (2%)



Cyan (22%)


Magenta (38%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2211, 0.2746, 0.2239 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 43.2211, 0.2746, 0.2239 by changing the saturation by 10% instead.


 43.2211, 0.2746,
0.2239


 43.2211, 0.2746,
0.2239


359.5203, 0.2946,
0.2725

 30.0586, 0.2695,
0.2130


 80.0444, 0.2820,
0.2407

 19.8831, 0.2630,
0.1997


 104.4740, 0.2847,
0.2472

 12.3101, 0.2543,
0.1831


133.4282, 0.2870,
0.2529

 6.9552, 0.2424,
0.1621

167.2912, 0.2890,
0.2578

 3.4341, 0.2254,
0.1351

206.4475, 0.2907,
0.2622

 1.3624, 0.1995,
0.0999

251.2815, 0.2921,

 0.1887, 0.1626,

0.2660

0.0305

302.1777, 0.2934,
0.2695

0.0000, 0.0000,
0.0000

43.2211, 0.2746,
0.2239

43.2211, 0.2746,
0.2239

33.7669, 0.2612,
0.1932

54.5970, 0.2867,
0.2543

26.1171, 0.2470,
0.1634

67.9923, 0.2974,
0.2833

20.1491, 0.2324,
0.1363

83.5040, 0.3067,
0.3104

15.7222, 0.2181,
0.1134

99.6610, 0.3148,
0.3328

12.6715, 0.2048,
0.0960

99.7445, 0.3150,
0.3328

■ 10.7829, 0.1932,
0.0846

■ 10.4046, 0.1904,
0.0823

Harmonies

Analogous

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



43.2211, 0.2174, 0.2140



43.2211, 0.2746, 0.2239



43.2211, 0.3506, 0.2548

Triad

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



43.2211, 0.2746, 0.2239



43.2211, 0.4525, 0.4115



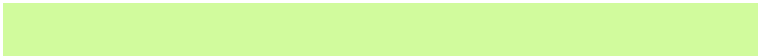
43.2211, 0.2103, 0.3460

Complementary

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



43.2211, 0.2746, 0.2239



84.9936, 0.3401, 0.4321

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.



43.2211, 0.2648, 0.4248



43.2211, 0.2746, 0.2239



43.2211, 0.4050, 0.4562

Square

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



43.2211, 0.2746, 0.2239



43.2211, 0.4612, 0.3560



43.2211, 0.3362, 0.4673



43.2211, 0.1839, 0.2733

Rectangle

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



43.2211, 0.2746, 0.2239



43.2211, 0.4010, 0.2846



43.2211, 0.3362, 0.4673



43.2211, 0.2256, 0.3736

Sweetspot

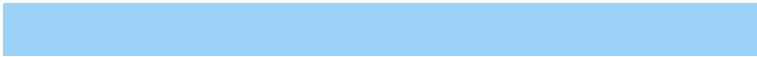
The Sweet Spot groups the original color and five complimentary colors.



43.2228, 0.2746, 0.2239



80.5615, 0.3035, 0.3009



60.3659, 0.2534, 0.2810



16.7716, 0.3023, 0.2973



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.



43.2228, 0.2746, 0.2239



37.1805, 0.2645, 0.2005



50.4534, 0.3119, 0.2347



17.0218, 0.3049, 0.3050



5.5529, 0.1921, 0.0832



0.5761, 0.2053, 0.0905

Inverse Universe

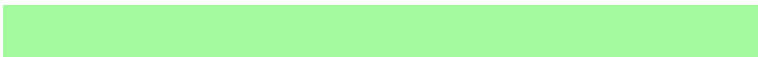
The Inverse Universe completely reimagines the original color for something new.



49.2410, 0.3537, 0.2749



44.4407, 0.3656, 0.2640



79.2429, 0.3110, 0.4421



17.3862, 0.3207, 0.3159



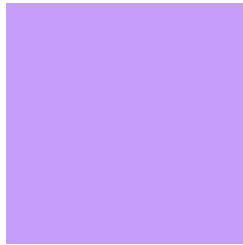
11.7912, 0.4734, 0.2381



1.1134, 0.4501, 0.2253

Previews

White Background



This preview shows how the Yxy color 43.2211, 0.2746, 0.2239 looks on a white background.

Color Contrast Check

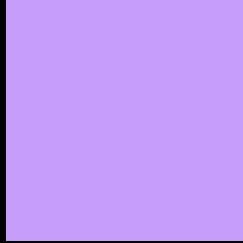
Large Text (above 18pt) WCAG AA × Fail

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 43.2211, 0.2746, 0.2239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

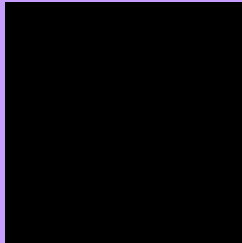
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.2211, 0.2746, 0.2239

Background



This preview shows how black text looks on a background with the Yxy color 43.2211, 0.2746, 0.2239.



This preview shows how white text looks on a background with the Yxy color 43.2211, 0.2746, 0.2239.

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

43.2211, 0.2746, 0.2239

Protanopia

43.4967, 0.2395, 0.2295

Deuteranopia

43.5334, 0.2440, 0.2378



Tritanopia

43.1513, 0.3162, 0.3122

Trichromacy



Original Color

43.2211, 0.2746, 0.2239

Protanomaly

43.0087, 0.2505, 0.2261

Deuteranomaly

43.1696, 0.2542, 0.2322

Tritanomaly

42.9029, 0.3002, 0.2769

Monochromacy



Original Color

43.2211, 0.2746, 0.2239

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.5261, 0.2984, 0.2864

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2211, 0.2746, 0.2239 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(199, 157, 251)` looks like.

```
.text, #text, p{  
    color:rgb(199, 157, 251)  
}
```

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(199, 157, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 157, 251) }
```

Border

The CSS property to change the border of an element to Yxy 43.2211, 0.2746, 0.2239 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(199, 157, 251) }
```

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

```
.border{ border-color:rgb(199, 157, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 157, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 157, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 157, 251);  
box-shadow:4px 4px 4px 4px rgb(199, 157,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2211, 0.2746, 0.2239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 157, 251) }
```

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

```
.background{ background-color: rgb(199,  
157, 251) }
```

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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