

Converting Colors

$Y_{xy}(43.1235, 0.2772, 0.2177)$

Have a look what the booklet for
Yxy(43.1235, 0.2772, 0.2177)
contains.

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Color

Yxy(43.1243, 0.2772, 0.2177)

Conversions

Conversions Part 1

Format	Color
Hex	CE99FF
RGB	206, 153, 255
RGB Percent	81%, 60%, 100%
CMY	0.1919, 0.4001, 0.0000
CMYK	0.19, 0.40, 0.00, 0.00
HSL	271°, 100%, 80%
HSV	271°, 40%, 100%
XYZ	54.9107, 43.1243, 100.0555
YIQ	180.4750, -1.1540, 42.9580

Conversions

Conversions Part 2

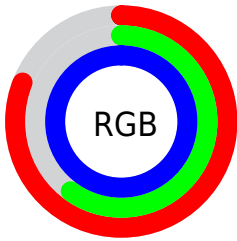
Format	Color
R _Y B	206, 153, 255
Decimal	13539839
CIE Lab	71.64, 38.68, -43.34
CIE LCh	72, 58.087, 311.745
Yxy	43.1243, 0.2772, 0.2177
Android (android.graphics.Color)	4291729919 (0xFFCE99FF)
YUV	180.4750, 36.7408, 22.3854
Hunter-Lab	65.6691, 34.3359, -44.3678

Details

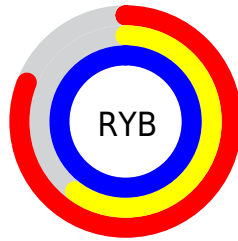
The Yxy color **43.1243, 0.2772, 0.2177** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **86.3624, 0.3367, 0.4417**, and the grayscale version is **45.7108, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5918, 0.3149, 0.2831**, and **19.8686, 0.2660, 0.1927** is the 20% darker color. If you saturate the color by 10%, you get **33.9686, 0.2654, 0.1882**, and if you desaturate by 10%, it is **54.2001, 0.2880, 0.2475**.

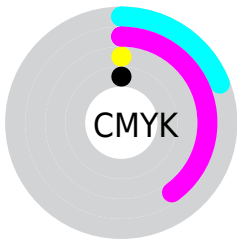
Distribution



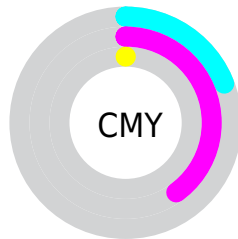
- Red (81%)
- Green (60%)
- Blue (100%)



- Red (81%)
- Yellow (60%)
- Blue (100%)



- Cyan (19%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)





- Cyan (19%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1243, 0.2772, 0.2177 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 43.1243, 0.2772, 0.2177 by changing the saturation by 10% instead.


 43.1243, 0.2772,
0.2177


 43.1243, 0.2772,
0.2177


359.1227, 0.2961,
0.2687

 29.9827, 0.2723,
0.2064


 79.8984, 0.2842,
0.2352

 19.8254, 0.2661,
0.1926


 104.2996, 0.2868,
0.2420

 12.2682, 0.2577,
0.1757


133.2229, 0.2890,
0.2480

 6.9266, 0.2463,
0.1544

167.0525, 0.2908,
0.2532

 3.4162, 0.2298,
0.1273

206.1729, 0.2924,
0.2578

 1.3527, 0.2047,
0.0927

250.9685, 0.2938,

 0.1815, 0.1690,

0.2618

0.0267

301.8236, 0.2950,
0.2655

0.0000, 0.0255,
0.0000

0.0000, 0.0000,
0.0000

43.1243, 0.2772,
0.2177

43.1243, 0.2772,
0.2177

33.9686, 0.2654,
0.1882

54.2001, 0.2880,
0.2475

26.6144, 0.2528,
0.1602

67.3027, 0.2975,
0.2764

20.9308, 0.2398,
0.1353

82.5316, 0.3057,
0.3037

16.7680, 0.2271,
0.1148

99.9797, 0.3127,
0.3290

■ 13.9477, 0.2152,
0.0998

100.0000, 0.3127,
0.3290

■ 12.1821, 0.2045,
0.0900

Harmonies

Analogous

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



43.1243, 0.2136, 0.2049



43.1243, 0.2772, 0.2177



43.1243, 0.3611, 0.2524

Triad

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



43.1243, 0.2772, 0.2177



43.1243, 0.4612, 0.4214



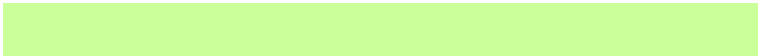
43.1243, 0.1976, 0.3393

Complementary

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



43.1243, 0.2772, 0.2177



86.3624, 0.3367, 0.4417

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.



43.1243, 0.2537, 0.4287



43.1243, 0.2772, 0.2177



43.1243, 0.4060, 0.4699

Square

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



43.1243, 0.2772, 0.2177



43.1243, 0.4761, 0.3617



43.1243, 0.3301, 0.4802



43.1243, 0.1728, 0.2620

Rectangle

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



43.1243, 0.2772, 0.2177



43.1243, 0.4158, 0.2849



43.1243, 0.3301, 0.4802



43.1243, 0.2131, 0.3699

Sweetspot

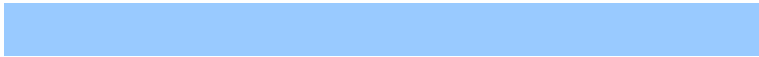
The Sweet Spot groups the original color and five complimentary colors.



43.1246, 0.2772, 0.2177



79.3286, 0.3042, 0.2984



56.3648, 0.2477, 0.2665



16.5395, 0.3031, 0.2949



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.



43.1246, 0.2772, 0.2177



35.6612, 0.2678, 0.1940



51.1443, 0.3187, 0.2315



17.8427, 0.3061, 0.3050



6.4549, 0.2061, 0.0909



0.6935, 0.2182, 0.0975

Inverse Universe

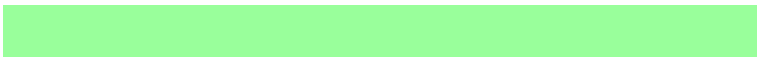
The Inverse Universe completely reimagines the original color for something new.



48.2931, 0.3650, 0.2785



41.7007, 0.3804, 0.2688



80.6452, 0.3061, 0.4506



18.1322, 0.3219, 0.3177



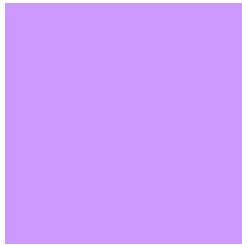
11.8767, 0.5051, 0.2556



1.1783, 0.4786, 0.2410

Previews

White Background



This preview shows how the Yxy color 43.1243, 0.2772, 0.2177 looks on a white background.

Color Contrast Check

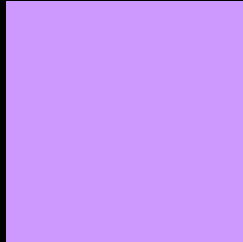
Large Text (above 18pt) WCAG AA × Fail

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 43.1243, 0.2772, 0.2177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

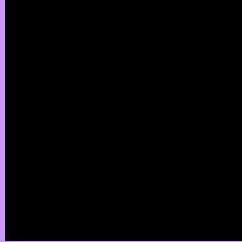
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1243, 0.2772, 0.2177

Background



This preview shows how black text looks on a background with the Yxy color 43.1243, 0.2772, 0.2177.



This preview shows how white text looks on a background with the Yxy color 43.1243, 0.2772, 0.2177.

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

43.1243, 0.2772, 0.2177

Protanopia

43.4030, 0.2389, 0.2294

Deuteranopia

43.4402, 0.2406, 0.2344



Tritanopia

43.2227, 0.3244, 0.3124

Trichromacy



Original Color

43.1243, 0.2772, 0.2177

Protanomaly

42.9275, 0.2511, 0.2244

Deuteranomaly

42.6255, 0.2521, 0.2270

Tritanomaly

42.8036, 0.3055, 0.2731

Monochromacy



Original Color

43.1243, 0.2772, 0.2177

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.0733, 0.2993, 0.2829

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1243, 0.2772, 0.2177 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(206, 153, 255)` looks like.

```
.text, #text, p{  
    color:rgb(206, 153, 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(206, 153, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 153, 255) }
```

Border

The CSS property to change the border of an element to Yxy 43.1243, 0.2772, 0.2177 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(206, 153, 255) }
```

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

```
.border{ border-color:rgb(206, 153, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 153, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 153, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 153, 255);  
box-shadow:4px 4px 4px 4px rgb(206, 153,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1243, 0.2772, 0.2177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 153, 255) }
```

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

```
.background{ background-color: rgb(206,  
153, 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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