

Converting Colors

$Y_{xy}(43.5350, 0.2794, 0.2184)$

Have a look what the booklet for
Yxy(43.5350, 0.2794, 0.2184)
contains.

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Color

Yxy(43.5578, 0.2796, 0.2185)

Conversions

Conversions Part 1

Format	Color
Hex	D199FF
RGB	209, 153, 255
RGB Percent	82%, 60%, 100%
CMY	0.1803, 0.4000, 0.0001
CMYK	0.18, 0.40, 0.00, 0.00
HSL	273°, 100%, 80%
HSV	273°, 40%, 100%
XYZ	55.7380, 43.5578, 100.0534
YIQ	181.3720, 0.6340, 43.5940

Conversions

Conversions Part 2

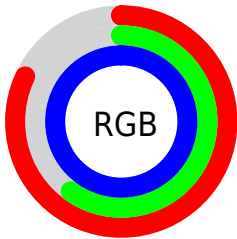
Format	Color
R _Y B	209, 153, 255
Decimal	13736447
CIE Lab	71.93, 39.49, -42.83
CIE LCh	72, 58.263, 312.678
Yxy	43.5578, 0.2796, 0.2185
Android (android.graphics.Color)	4291926527 (0xFFD199FF)
YUV	181.3720, 36.2986, 24.2298
Hunter-Lab	65.9983, 35.2528, -43.6847

Details

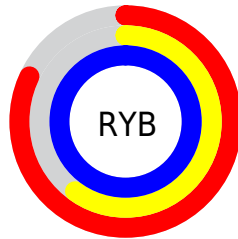
The Yxy color $43.5578, 0.2796, 0.2185$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $85.9358, 0.3348, 0.4424$, and the grayscale version is $46.2217, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.5918, 0.3149, 0.2831$, and $20.1569, 0.2691, 0.1938$ is the 20% darker color. If you saturate the color by 10%, you get $34.4703, 0.2685, 0.1894$, and if you desaturate by 10%, it is $54.5527, 0.2897, 0.2479$.

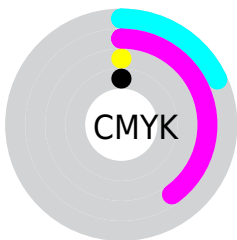
Distribution



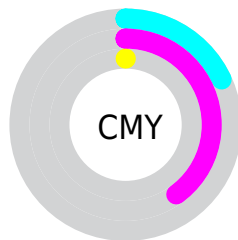
- Red (82%)
- Green (60%)
- Blue (100%)



- Red (82%)
- Yellow (60%)
- Blue (100%)



- Cyan (18%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)




- Cyan (18%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5578, 0.2796, 0.2185 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 43.5578, 0.2796, 0.2185 by changing the saturation by 10% instead.


 43.5578, 0.2796,
0.2185


 43.5578, 0.2796,
0.2185


360.9007, 0.2973,
0.2691

 30.3230, 0.2750,
0.2073


 80.5519, 0.2862,
0.2358

 20.0839, 0.2691,
0.1937


 105.0801, 0.2886,
0.2426

 12.4560, 0.2612,
0.1769


134.1414, 0.2907,
0.2485

 7.0551, 0.2503,
0.1558

168.1204, 0.2924,
0.2537

 3.4966, 0.2346,
0.1290

207.4015, 0.2939,
0.2582

 1.3961, 0.2106,
0.0946

252.3689, 0.2952,

 0.2139, 0.1759,

0.2622

0.0311

303.4072, 0.2963,
0.2658

0.0000, 0.0448,
0.0000

0.0000, 0.0000,
0.0000

43.5578, 0.2796,
0.2185

43.5578, 0.2796,
0.2185

34.4703, 0.2685,
0.1894

54.5527, 0.2897,
0.2479

27.1678, 0.2566,
0.1619

67.5565, 0.2985,
0.2766

21.5214, 0.2444,
0.1375

82.6700, 0.3062,
0.3038

17.3820, 0.2323,
0.1176

99.9852, 0.3127,
0.3290

■ 14.5721, 0.2209,
0.1029

99.9982, 0.3127,
0.3290

■ 12.8035, 0.2105,
0.0933

■ 12.8027, 0.2105,
0.0933

Harmonies

Analogous

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



43.5578, 0.2151, 0.2049



43.5578, 0.2796, 0.2185



43.5578, 0.3638, 0.2538

Triad

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



43.5578, 0.2796, 0.2185



43.5578, 0.4600, 0.4231



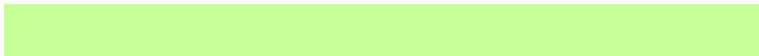
43.5578, 0.1964, 0.3365

Complementary

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



43.5578, 0.2796, 0.2185



85.9358, 0.3348, 0.4424

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.



43.5578, 0.2516, 0.4261



43.5578, 0.2796, 0.2185



43.5578, 0.4038, 0.4709

Square

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



43.5578, 0.2796, 0.2185



43.5578, 0.4764, 0.3635



43.5578, 0.3276, 0.4795



43.5578, 0.1725, 0.2601

Rectangle

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



43.5578, 0.2796, 0.2185



43.5578, 0.4180, 0.2865



43.5578, 0.3276, 0.4795



43.5578, 0.2115, 0.3670

Sweetspot

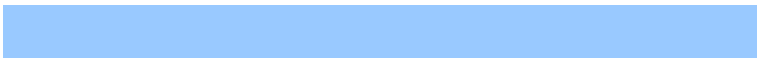
The Sweet Spot groups the original color and five complimentary colors.



43.5596, 0.2796, 0.2185



79.4851, 0.3048, 0.2985



55.5705, 0.2474, 0.2645



16.5763, 0.3038, 0.2950



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.



43.5596, 0.2796, 0.2185



36.1454, 0.2708, 0.1951



51.0375, 0.3201, 0.2330



17.8697, 0.3065, 0.3050



6.7813, 0.2121, 0.0942



0.7252, 0.2238, 0.1006

Inverse Universe

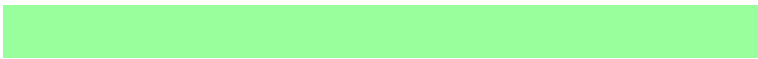
The Inverse Universe completely reimagines the original color for something new.



48.1569, 0.3679, 0.2815



41.5455, 0.3843, 0.2724



80.6881, 0.3053, 0.4485



18.1231, 0.3223, 0.3183



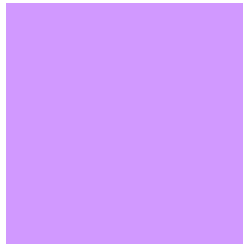
11.7833, 0.5174, 0.2624



1.1690, 0.4894, 0.2470

Previews

White Background



This preview shows how the Yxy color 43.5578, 0.2796, 0.2185 looks on a white background.

Color Contrast Check

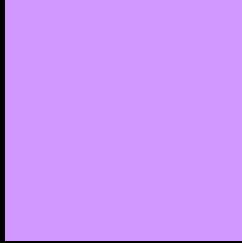
Large Text (above 18pt) WCAG AA × Fail

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 43.5578, 0.2796, 0.2185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

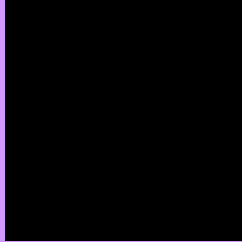
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5578, 0.2796, 0.2185

Background



This preview shows how black text looks on a background with the Yxy color 43.5578, 0.2796, 0.2185.



This preview shows how white text looks on a background with the Yxy color 43.5578, 0.2796, 0.2185.

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

43.5578, 0.2796, 0.2185

Protanopia

43.8817, 0.2397, 0.2308

Deuteranopia

44.0145, 0.2420, 0.2360



Tritanopia

43.6236, 0.3272, 0.3126

Trichromacy



Original Color

43.5578, 0.2796, 0.2185



Protanomaly

43.1504, 0.2525, 0.2247



Deuteranomaly

43.3236, 0.2544, 0.2287



Tritanomaly

43.2153, 0.3082, 0.2735

Monochromacy



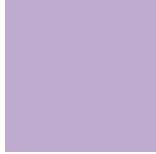
Original Color

43.5578, 0.2796, 0.2185



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

44.7563, 0.3002, 0.2833

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5578, 0.2796, 0.2185 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(209, 153, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 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(209, 153, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 153, 255) }
```

Border

The CSS property to change the border of an element to Yxy 43.5578, 0.2796, 0.2185 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(209, 153, 255) }
```

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

```
.border{ border-color:rgb(209, 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(209, 153, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 153, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 153, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 153,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5578, 0.2796, 0.2185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 153, 255) }
```

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

```
.background{ background-color: rgb(209,  
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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