

Converting Colors

$Y_{xy}(44.0429, 0.2798, 0.2200)$

Have a look what the booklet for
Yxy(44.0429, 0.2798, 0.2200)
contains.

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Color

Yxy(43.8865, 0.2796, 0.2195)

Conversions

Conversions Part 1

Format	Color
Hex	D19AFF
RGB	209, 154, 255
RGB Percent	82%, 60%, 100%
CMY	0.1804, 0.3961, 0.0000
CMYK	0.18, 0.40, 0.00, 0.00
HSL	273°, 100%, 80%
HSV	273°, 40%, 100%
XYZ	55.9028, 43.8865, 100.1492
YIQ	181.9590, 0.3590, 43.0710

Conversions

Conversions Part 2

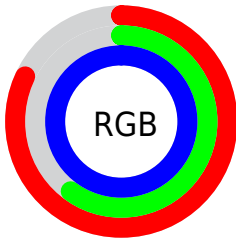
Format	Color
R _Y B	209, 154, 255
Decimal	13736703
CIE Lab	72.15, 38.96, -42.52
CIE LCh	72, 57.664, 312.498
Yxy	43.8865, 0.2796, 0.2195
Android (android.graphics.Color)	4291926783 (0xFFD19AFF)
YUV	181.9590, 36.0092, 23.7150
Hunter-Lab	66.2469, 34.6962, -43.2593

Details

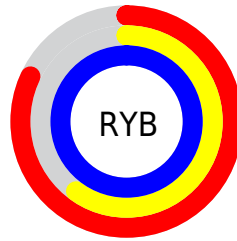
The Yxy color **43.8865, 0.2796, 0.2195** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **86.1320, 0.3349, 0.4410**, and the grayscale version is **46.5558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0809, 0.3148, 0.2841**, and **20.3523, 0.2692, 0.1951** is the 20% darker color. If you saturate the color by 10%, you get **34.7121, 0.2684, 0.1903**, and if you desaturate by 10%, it is **54.9729, 0.2897, 0.2490**.

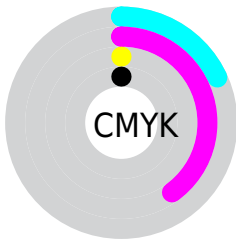
Distribution



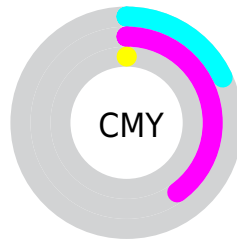
- Red (82%)
- Green (60%)
- Blue (100%)



- 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 43.8865, 0.2796, 0.2195 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 43.8865, 0.2796, 0.2195 by changing the saturation by 10% instead.


 43.8865, 0.2796,
0.2195


 43.8865, 0.2796,
0.2195


362.2449, 0.2973,
0.2696

 30.5813, 0.2750,
0.2084


 81.0469, 0.2862,
0.2367

 20.2802, 0.2691,
0.1949

 105.6709, 0.2886,
0.2434

 12.5989, 0.2613,
0.1782


134.8367, 0.2906,
0.2492

 7.1529, 0.2505,
0.1573

168.9285, 0.2924,
0.2543

 3.5579, 0.2349,
0.1306

208.3309, 0.2939,
0.2588

 1.4295, 0.2111,
0.0963

253.4281, 0.2951,

 0.2383, 0.1765,

0.2628

0.0344

304.6047, 0.2963,
0.2664

0.0000, 0.0484,
0.0000

0.0000, 0.0000,
0.0000

43.8865, 0.2796,
0.2195

43.8865, 0.2796,
0.2195

34.7121, 0.2684,
0.1903

54.9729, 0.2897,
0.2490

27.3317, 0.2565,
0.1627

68.0768, 0.2987,
0.2776

21.6155, 0.2441,
0.1380

83.2972, 0.3064,
0.3048

17.4152, 0.2319,
0.1178

100.0000, 0.3127,
0.3290

■ 14.5545, 0.2203,
0.1029

■ 12.7587, 0.2098,
0.0931

■ 12.6978, 0.2094,
0.0927

Harmonies

Analogous

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



43.8865, 0.2159, 0.2062



43.8865, 0.2796, 0.2195



43.8865, 0.3627, 0.2544

Triad

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



43.8865, 0.2796, 0.2195



43.8865, 0.4586, 0.4220



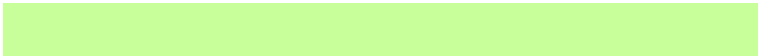
43.8865, 0.1980, 0.3370

Complementary

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



43.8865, 0.2796, 0.2195



86.1320, 0.3349, 0.4410

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.



43.8865, 0.2529, 0.4252



43.8865, 0.2796, 0.2195



43.8865, 0.4034, 0.4691

Square

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



43.8865, 0.2796, 0.2195



43.8865, 0.4744, 0.3631



43.8865, 0.3281, 0.4776



43.8865, 0.1741, 0.2615

Rectangle

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



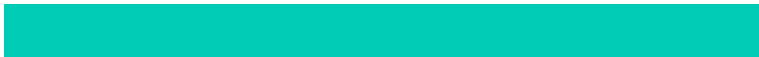
43.8865, 0.2796, 0.2195



43.8865, 0.4163, 0.2868



43.8865, 0.3281, 0.4776



43.8865, 0.2131, 0.3671

Sweetspot

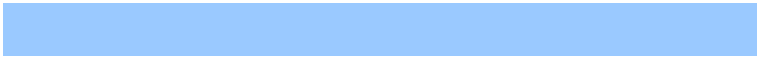
The Sweet Spot groups the original color and five complimentary colors.



43.8869, 0.2796, 0.2195



79.4587, 0.3047, 0.2984



55.9255, 0.2480, 0.2652



16.5701, 0.3037, 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.



43.8869, 0.2796, 0.2195



36.0631, 0.2703, 0.1949



51.3762, 0.3200, 0.2339



17.8651, 0.3065, 0.3050



6.7248, 0.2111, 0.0936



0.7197, 0.2228, 0.1001

Inverse Universe

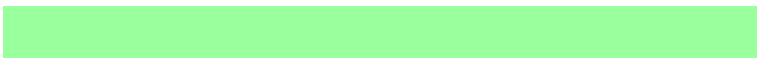
The Inverse Universe completely reimagines the original color for something new.



48.5411, 0.3666, 0.2815



41.5714, 0.3837, 0.2718



80.8369, 0.3053, 0.4471



18.1247, 0.3222, 0.3182



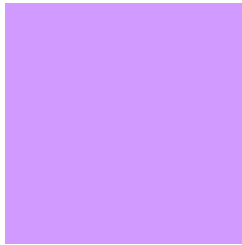
11.7985, 0.5153, 0.2613



1.1705, 0.4876, 0.2460

Previews

White Background



This preview shows how the Yxy color 43.8865, 0.2796, 0.2195 looks on a white background.

Color Contrast Check

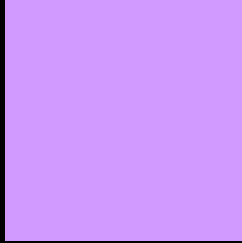
Large Text (above 18pt) WCAG AA × Fail

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 43.8865, 0.2796, 0.2195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

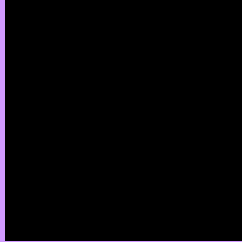
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8865, 0.2796, 0.2195

Background



This preview shows how black text looks on a background with the Yxy color 43.8865, 0.2796, 0.2195.



This preview shows how white text looks on a background with the Yxy color 43.8865, 0.2796, 0.2195.

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

43.8865, 0.2796, 0.2195

Protanopia

44.3640, 0.2405, 0.2322

Deuteranopia

44.1090, 0.2426, 0.2361



Tritanopia

43.6651, 0.3263, 0.3114

Trichromacy



Original Color

43.8865, 0.2796, 0.2195



Protanomaly

43.5154, 0.2526, 0.2259



Deuteranomaly

43.3236, 0.2544, 0.2287



Tritanomaly

43.5719, 0.3081, 0.2747

Monochromacy



Original Color

43.8865, 0.2796, 0.2195



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

45.3150, 0.3003, 0.2835

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8865, 0.2796, 0.2195 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, 154, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 154, 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, 154, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 154, 255) }
```

Border

The CSS property to change the border of an element to Yxy 43.8865, 0.2796, 0.2195 is called "border". The border property can be set on classes, ids or directly on the HTML element.

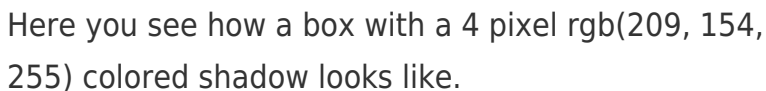
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 154, 255) }
```

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

```
.border{ border-color:rgb(209, 154, 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, 154, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 154, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 154, 255); box-shadow:4px 4px 4px 4px rgb(209, 154, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8865, 0.2796, 0.2195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 154, 255) }
```

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

```
.background{ background-color: rgb(209,  
154, 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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