

Converting Colors

Yxy(43.1186, 0.2821, 0.2444)

Have a look what the booklet for
Yxy(43.1186, 0.2821, 0.2444)
contains.

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Color

Yxy(43.1186, 0.2821, 0.2444)

Conversions

Conversions Part 1

Format	Color
Hex	C1A2EA
RGB	193, 162, 234
RGB Percent	76%, 64%, 92%
CMY	0.2430, 0.3647, 0.0824
CMYK	0.18, 0.31, 0.00, 0.08
HSL	266°, 63%, 78%
HSV	266°, 31%, 92%
XYZ	49.7699, 43.1186, 83.5379
YIQ	179.4770, -4.6360, 28.9640

Conversions

Conversions Part 2

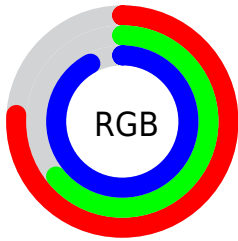
Format	Color
R _Y B	193, 162, 234
Decimal	12690154
CIE Lab	71.64, 25.27, -32.00
CIE LCh	72, 40.771, 308.298
Yxy	43.1186, 0.2821, 0.2444
Android (android.graphics.Color)	4290880234 (0xFFC1A2EA)
YUV	179.4770, 26.8798, 11.8597
Hunter-Lab	65.6648, 20.3788, -29.4627

Details

The Yxy color $43.1186, 0.2821, 0.2444$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $74.1415, 0.3364, 0.4119$, and the grayscale version is $45.2052, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.1697, 0.3110, 0.2916$, and $19.7695, 0.2722, 0.2233$ is the 20% darker color. If you saturate the color by 10%, you get $33.9581, 0.2693, 0.2137$, and if you desaturate by 10%, it is $53.9738, 0.2935, 0.2740$.

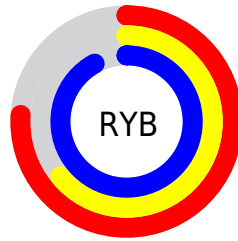
Distribution



Red (76%)

Green (64%)

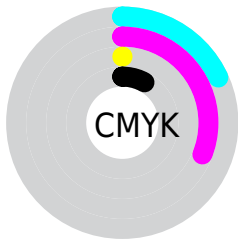
Blue (92%)



Red (76%)

Yellow (64%)

Blue (92%)

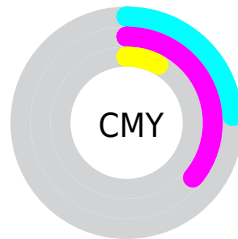


Cyan (18%)

Magenta (31%)

Yellow (0%)

Black (8%)



Cyan (24%)


Magenta (36%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1186, 0.2821, 0.2444 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 43.1186, 0.2821, 0.2444 by changing the saturation by 10% instead.


 43.1186, 0.2821,
0.2444


 43.1186, 0.2821,
0.2444


359.0993, 0.2981,
0.2845

 29.9782, 0.2780,
0.2351


 79.8898, 0.2880,
0.2585

 19.8220, 0.2727,
0.2236


 104.2894, 0.2902,
0.2639

 12.2657, 0.2655,
0.2089


133.2108, 0.2921,
0.2685

 6.9249, 0.2556,
0.1898

167.0384, 0.2936,
0.2726

 3.4152, 0.2409,
0.1642

206.1567, 0.2950,
0.2761

 1.3521, 0.2176,
0.1286

250.9500, 0.2962,


 0.1810, 0.1844,


0.2793


0.0423

301.8027, 0.2972,
0.2820

 0.0000, 0.0000,
0.0000

 43.1186, 0.2821,
0.2444

 43.1186, 0.2821,
0.2444

 33.9581, 0.2693,
0.2137


 53.9738, 0.2935,
0.2740


 26.3977, 0.2553,
0.1831


 66.6012, 0.3035,
0.3017

 20.3412, 0.2406,
0.1538

 81.0794, 0.3121,
0.3271

 15.6798, 0.2257,
0.1277

 97.1038, 0.3194,
0.3496

 12.2890, 0.2115,
0.1062

 98.7203, 0.3250,
0.3493

■ 10.0208, 0.1986,
0.0906

■ 8.7005, 0.1882,
0.0810

Harmonies

Analogous

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



43.1186, 0.2365, 0.2375



43.1186, 0.2821, 0.2444



43.1186, 0.3408, 0.2692

Triad

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



43.1186, 0.2821, 0.2444



43.1186, 0.4230, 0.3957



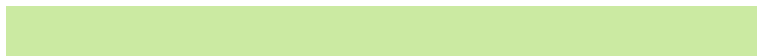
43.1186, 0.2337, 0.3450

Complementary

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



43.1186, 0.2821, 0.2444



74.1415, 0.3364, 0.4119

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.



43.1186, 0.2784, 0.4022



43.1186, 0.2821, 0.2444



43.1186, 0.3882, 0.4282

Square

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



43.1186, 0.2821, 0.2444



43.1186, 0.4268, 0.3519



43.1186, 0.3349, 0.4338



43.1186, 0.2106, 0.2890

Rectangle

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



43.1186, 0.2821, 0.2444



43.1186, 0.3793, 0.2935



43.1186, 0.3349, 0.4338



43.1186, 0.2465, 0.3653

Sweetspot

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



43.1204, 0.2821, 0.2444



83.8289, 0.3051, 0.3062



56.8039, 0.2643, 0.2924



17.4209, 0.3038, 0.3024



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.



43.1204, 0.2821, 0.2444



45.0508, 0.2740, 0.2248



48.2714, 0.3112, 0.2514



14.8665, 0.3047, 0.3051



4.9605, 0.1898, 0.0819



0.4453, 0.2053, 0.0904

Inverse Universe

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



47.6390, 0.3432, 0.2838



51.4990, 0.3518, 0.2741



69.7758, 0.3123, 0.4184



15.1976, 0.3204, 0.3157



10.8089, 0.4667, 0.2344



0.8680, 0.4409, 0.2202

Previews

White Background



This preview shows how the Yxy color 43.1186, 0.2821, 0.2444 looks on a white background.

Color Contrast Check

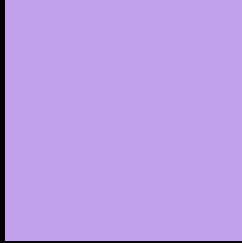
Large Text (above 18pt) WCAG AA × Fail

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 43.1186, 0.2821, 0.2444 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 43.1186, 0.2821, 0.2444

Background



This preview shows how black text looks on a background with the Yxy color 43.1186, 0.2821, 0.2444.



This preview shows how white text looks on a background with the Yxy color 43.1186, 0.2821, 0.2444.

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

43.1186, 0.2821, 0.2444

Protanopia

43.3268, 0.2497, 0.2424

Deuteranopia

43.3947, 0.2609, 0.2550



Tritanopia

43.3221, 0.3135, 0.3121

Trichromacy



Original Color

43.1186, 0.2821, 0.2444

Protanomaly

43.1022, 0.2604, 0.2426

Deuteranomaly

43.1434, 0.2678, 0.2505

Tritanomaly

43.0084, 0.3016, 0.2850

Monochromacy



Original Color

43.1186, 0.2821, 0.2444

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.2010, 0.3013, 0.2958

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1186, 0.2821, 0.2444 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(193, 162, 234)` looks like.

```
.text, #text, p{  
    color:rgb(193, 162, 234)  
}
```

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(193, 162, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 162, 234) }
```

Border

The CSS property to change the border of an element to Yxy 43.1186, 0.2821, 0.2444 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(193, 162, 234) }
```

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

```
.border{ border-color:rgb(193, 162, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 162, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 162, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 162, 234);  
box-shadow:4px 4px 4px 4px rgb(193, 162,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1186, 0.2821, 0.2444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 162, 234) }
```

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

```
.background{ background-color: rgb(193,  
162, 234) }
```

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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