

Converting Colors

$Yxy(43.6834, 0.2824, 0.2454)$

Have a look what the booklet for
Yxy(43.6834, 0.2824, 0.2454)
contains.

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Color

Yxy(43.6619, 0.2822, 0.2448)

Conversions

Conversions Part 1

Format	Color
Hex	C2A3EB
RGB	194, 163, 235
RGB Percent	76%, 64%, 92%
CMY	0.2393, 0.3607, 0.0785
CMYK	0.17, 0.31, 0.00, 0.08
HSL	266°, 64%, 78%
HSV	266°, 31%, 92%
XYZ	50.3325, 43.6619, 84.3631
YIQ	180.4770, -4.6360, 28.9640

Conversions

Conversions Part 2

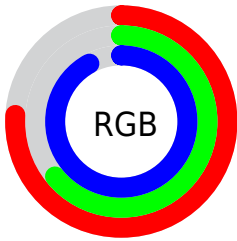
Format	Color
RYB	194, 163, 235
Decimal	12755947
CIELab	72.00, 25.20, -31.97
CIELCh	72, 40.706, 308.251
Yxy	43.6619, 0.2822, 0.2448
Android (android.graphics.Color)	4290946027 (0xFFC2A3EB)
YUV	180.4770, 26.8798, 11.8597
Hunter-Lab	66.0772, 20.3325, -29.4437

Details

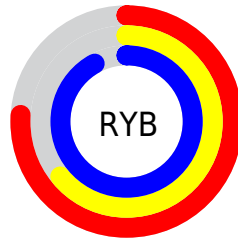
The Yxy color $43.6619, 0.2822, 0.2448$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $74.8988, 0.3364, 0.4115$, and the grayscale version is $45.7655, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.8720, 0.3116, 0.2927$, and $20.1125, 0.2724, 0.2239$ is the 20% darker color. If you saturate the color by 10%, you get $34.3859, 0.2694, 0.2141$, and if you desaturate by 10%, it is $54.6516, 0.2936, 0.2744$.

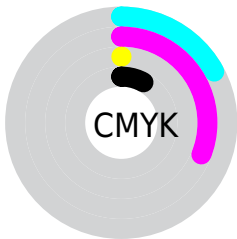
Distribution



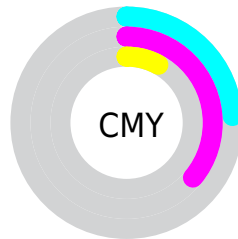
- Red (76%)
- Green (64%)
- Blue (92%)



- Red (76%)
- Yellow (64%)
- Blue (92%)



- Cyan (17%)
- Magenta (31%)
- Yellow (0%)
- Black (8%)





- Cyan (24%)
- Magenta (36%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6619, 0.2822, 0.2448 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 43.6619, 0.2822, 0.2448 by changing the saturation by 10% instead.


 43.6619, 0.2822,
0.2448

 43.6619, 0.2822,
0.2448


361.3268, 0.2981,
0.2847

 30.4048, 0.2781,
0.2356


 80.7087, 0.2881,
0.2588

 20.1460, 0.2728,
0.2241


 105.2673, 0.2903,
0.2641

 12.5012, 0.2658,
0.2096


134.3617, 0.2921,
0.2688

 7.0860, 0.2560,
0.1908

168.3765, 0.2937,
0.2728

 3.5160, 0.2415,
0.1654

207.6960, 0.2950,
0.2763

 1.4067, 0.2186,
0.1302

252.7046, 0.2962,

 0.2216, 0.1855,

0.2794

0.0498

303.7868, 0.2972,
0.2822

0.0000, 0.0000,
0.0000

43.6619, 0.2822,
0.2448

43.6619, 0.2822,
0.2448

34.3859, 0.2694,
0.2141

54.6516, 0.2936,
0.2744

26.7281, 0.2554,
0.1834

67.4330, 0.3036,
0.3020

20.5914, 0.2406,
0.1541

82.0858, 0.3122,
0.3275

15.8660, 0.2258,
0.1279

97.3907, 0.3197,
0.3486

12.4262, 0.2115,
0.1064

98.7775, 0.3244,
0.3483

■ 10.1229, 0.1985,
0.0907

■ 8.7668, 0.1880,
0.0809

Harmonies

Analogous

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



43.6619, 0.2368, 0.2380



43.6619, 0.2822, 0.2448



43.6619, 0.3406, 0.2695

Triad

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



43.6619, 0.2822, 0.2448



43.6619, 0.4224, 0.3954



43.6619, 0.2342, 0.3450

Complementary

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



43.6619, 0.2822, 0.2448



74.8988, 0.3364, 0.4115

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.



43.6619, 0.2787, 0.4018



43.6619, 0.2822, 0.2448



43.6619, 0.3879, 0.4276

Square

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



43.6619, 0.2822, 0.2448



43.6619, 0.4262, 0.3517



43.6619, 0.3350, 0.4331



43.6619, 0.2112, 0.2893

Rectangle

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



43.6619, 0.2822, 0.2448



43.6619, 0.3788, 0.2936



43.6619, 0.3350, 0.4331



43.6619, 0.2469, 0.3652

Sweetspot

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



43.6637, 0.2822, 0.2448



83.8242, 0.3051, 0.3062



57.4496, 0.2645, 0.2926



17.4197, 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.



43.6637, 0.2822, 0.2448



45.0356, 0.2740, 0.2248



48.8555, 0.3112, 0.2517



14.8656, 0.3047, 0.3051



4.9517, 0.1896, 0.0818



0.4446, 0.2051, 0.0903

Inverse Universe

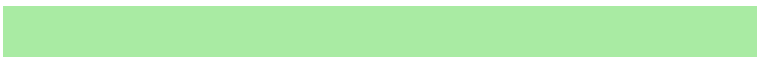
The Inverse Universe completely reimagines the original color for something new.



48.2233, 0.3430, 0.2839



51.5046, 0.3517, 0.2740



70.4923, 0.3124, 0.4179



15.1979, 0.3204, 0.3157



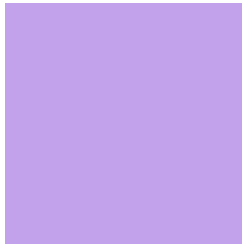
10.8131, 0.4662, 0.2342



0.8683, 0.4405, 0.2200

Previews

White Background



This preview shows how the Yxy color 43.6619, 0.2822, 0.2448 looks on a white background.

Color Contrast Check

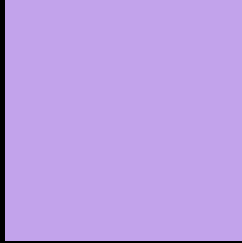
Large Text (above 18pt) WCAG AA × Fail

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 43.6619, 0.2822, 0.2448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

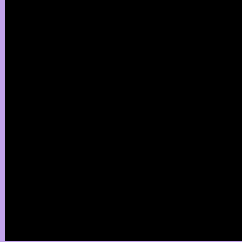
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6619, 0.2822, 0.2448

Background



This preview shows how black text looks on a background with the Yxy color 43.6619, 0.2822, 0.2448.



This preview shows how white text looks on a background with the Yxy color 43.6619, 0.2822, 0.2448.

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

43.6619, 0.2822, 0.2448

Protanopia

43.8717, 0.2500, 0.2428

Deuteranopia

43.9418, 0.2612, 0.2553



Tritanopia

43.8714, 0.3135, 0.3122

Trichromacy



Original Color

43.6619, 0.2822, 0.2448

Protanomaly

43.6464, 0.2607, 0.2430

Deuteranomaly

43.6886, 0.2680, 0.2508

Tritanomaly

43.5544, 0.3017, 0.2852

Monochromacy



Original Color

43.6619, 0.2822, 0.2448

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.7565, 0.3014, 0.2960

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6619, 0.2822, 0.2448 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(194, 163, 235)` looks like.

```
.text, #text, p{  
    color:rgb(194, 163, 235)  
}
```

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(194, 163, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 163, 235) }
```

Border

The CSS property to change the border of an element to Yxy 43.6619, 0.2822, 0.2448 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(194, 163, 235) }
```

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

```
.border{ border-color:rgb(194, 163, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 163, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 163, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 163, 235);  
box-shadow:4px 4px 4px 4px rgb(194, 163,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6619, 0.2822, 0.2448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 163, 235) }
```

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

```
.background{ background-color: rgb(194,  
163, 235) }
```

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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