

Converting Colors

$Y_{xy}(43.3679, 0.2783, 0.2450)$

Have a look what the booklet for
Yxy(43.3679, 0.2783, 0.2450)
contains.

Yxy(43.3679, 0.2783, 0.2450)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.3679, 0.2783, 0.2450)

Conversions

Conversions Part 1

Format	Color
Hex	BDA4EB
RGB	189, 164, 235
RGB Percent	74%, 64%, 92%
CMY	0.2587, 0.3569, 0.0784
CMYK	0.20, 0.30, 0.00, 0.08
HSL	261°, 64%, 78%
HSV	261°, 30%, 92%
XYZ	49.2624, 43.3679, 84.3815
YIQ	179.5690, -7.8910, 27.3810

Conversions

Conversions Part 2

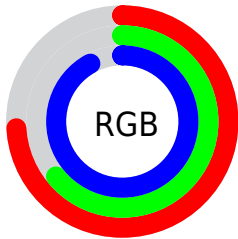
Format	Color
RYB	189, 164, 235
Decimal	12428523
CIELab	71.80, 23.17, -32.32
CIELCh	72, 39.766, 305.633
Yxy	43.3679, 0.2783, 0.2450
Android (android.graphics.Color)	4290618603 (0xFFBDA4EB)
YUV	179.5690, 27.3275, 8.2710
Hunter-Lab	65.8543, 18.2821, -29.8724

Details

The Yxy color $43.3679, 0.2783, 0.2450$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $75.8043, 0.3401, 0.4093$, and the grayscale version is $45.2554, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.4759, 0.3081, 0.2933$, and $19.9939, 0.2683, 0.2242$ is the 20% darker color. If you saturate the color by 10%, you get $33.8757, 0.2638, 0.2135$, and if you desaturate by 10%, it is $54.6220, 0.2913, 0.2751$.

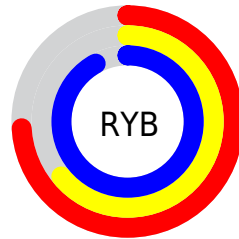
Distribution



Red (74%)

Green (64%)

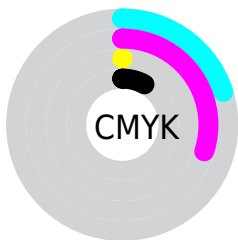
Blue (92%)



Red (74%)

Yellow (64%)

Blue (92%)

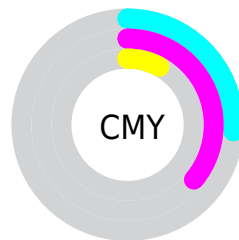


Cyan (20%)

Magenta (30%)

Yellow (0%)

Black (8%)



Cyan (26%)


Magenta (36%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3679, 0.2783, 0.2450 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 43.3679, 0.2783, 0.2450 by changing the saturation by 10% instead.

 43.3679, 0.2783,
0.2450


 43.3679, 0.2783,
0.2450


360.1226, 0.2961,
0.2849

 30.1739, 0.2738,
0.2357

 80.2657, 0.2848,
0.2590

 19.9706, 0.2679,
0.2242


 104.7384, 0.2873,
0.2644

 12.3737, 0.2602,
0.2096

133.7393, 0.2893,
0.2690

 6.9987, 0.2494,
0.1906

167.6529, 0.2911,
0.2730

 3.4613, 0.2337,
0.1650

206.8637, 0.2926,
0.2766

 1.3770, 0.2091,
0.1295

251.7560, 0.2939,

 0.1997, 0.1732,

0.2797

0.0458

302.7141, 0.2951,
0.2824

0.0000, 0.0000,
0.0000

43.3679, 0.2783,
0.2450

43.3679, 0.2783,
0.2450

33.8757, 0.2638,
0.2135

54.6220, 0.2913,
0.2751

26.0482, 0.2481,
0.1817

67.7178, 0.3027,
0.3030

19.7863, 0.2317,
0.1511

82.7367, 0.3125,
0.3285

14.9785, 0.2154,
0.1236

97.8244, 0.3211,
0.3485

11.4972, 0.2001,
0.1009

98.7790, 0.3244,
0.3483

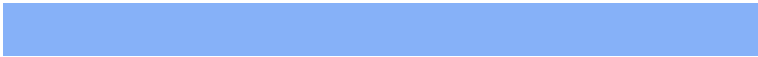
■ 9.1917, 0.1866,
0.0845

■ 7.8299, 0.1758,
0.0742

Harmonies

Analogous

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



43.3679, 0.2353, 0.2401



43.3679, 0.2783, 0.2450



43.3679, 0.3349, 0.2679

Triad

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



43.3679, 0.2783, 0.2450



43.3679, 0.4219, 0.3908



43.3679, 0.2388, 0.3499

Complementary

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



43.3679, 0.2783, 0.2450



75.8043, 0.3401, 0.4093

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.



43.3679, 0.2840, 0.4041



43.3679, 0.2783, 0.2450



43.3679, 0.3904, 0.4237

Square

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



43.3679, 0.2783, 0.2450



43.3679, 0.4225, 0.3476



43.3679, 0.3395, 0.4318



43.3679, 0.2141, 0.2944

Rectangle

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



43.3679, 0.2783, 0.2450



43.3679, 0.3729, 0.2909



43.3679, 0.3395, 0.4318



43.3679, 0.2519, 0.3695

Sweetspot

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



43.3697, 0.2783, 0.2450



83.5108, 0.3039, 0.3062



60.0617, 0.2658, 0.2991



17.3428, 0.3024, 0.3023



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.



43.3697, 0.2783, 0.2450



45.1612, 0.2699, 0.2264



48.4530, 0.3073, 0.2518



14.8071, 0.3035, 0.3050



4.4217, 0.1773, 0.0751



0.3993, 0.1926, 0.0835

Inverse Universe

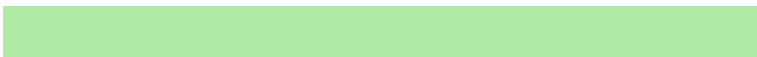
The Inverse Universe completely reimagines the original color for something new.



48.8659, 0.3375, 0.2787



52.8342, 0.3439, 0.2686



71.1780, 0.3155, 0.4158



15.2184, 0.3192, 0.3139



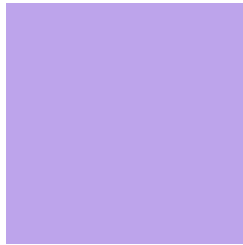
11.1199, 0.4347, 0.2168



0.8913, 0.4148, 0.2059

Previews

White Background



This preview shows how the Yxy color 43.3679, 0.2783, 0.2450 looks on a white background.

Color Contrast Check

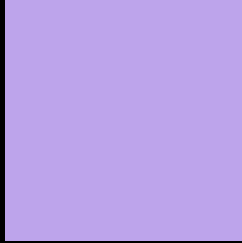
Large Text (above 18pt) WCAG AA × Fail

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 43.3679, 0.2783, 0.2450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

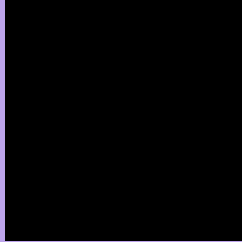
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.3679, 0.2783, 0.2450

Background



This preview shows how black text looks on a background with the Yxy color 43.3679, 0.2783, 0.2450.



This preview shows how white text looks on a background with the Yxy color 43.3679, 0.2783, 0.2450.

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

43.3679, 0.2783, 0.2450

Protanopia

43.7508, 0.2511, 0.2448

Deuteranopia

43.4517, 0.2603, 0.2539



Tritanopia

43.2988, 0.3083, 0.3107

Trichromacy



Original Color

43.3679, 0.2783, 0.2450

Protanomaly

43.3063, 0.2605, 0.2447

Deuteranomaly

43.4606, 0.2665, 0.2505

Tritanomaly

43.2994, 0.2974, 0.2859

Monochromacy



Original Color

43.3679, 0.2783, 0.2450

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.5095, 0.2997, 0.2958

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3679, 0.2783, 0.2450 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(189, 164, 235)` looks like.

```
.text, #text, p{  
    color:rgb(189, 164, 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(189, 164, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 164, 235) }
```

Border

The CSS property to change the border of an element to Yxy 43.3679, 0.2783, 0.2450 is called "border". The border property can be set on classes, ids or directly on the HTML element.

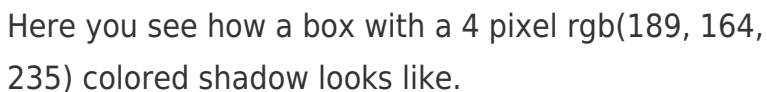
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 164, 235) }
```

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

```
.border{ border-color:rgb(189, 164, 235) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 164, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 164, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 164, 235);  
box-shadow:4px 4px 4px 4px rgb(189, 164,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3679, 0.2783, 0.2450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 164, 235) }
```

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

```
.background{ background-color: rgb(189,  
164, 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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