

Converting Colors

$Y_{xy}(39.2581, 0.3425, 0.2826)$

Have a look what the booklet for
Yxy(39.2581, 0.3425, 0.2826)
contains.

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Color

Yxy(39.2147, 0.3426, 0.2824)

Conversions

Conversions Part 1

Format	Color
Hex	D794BB
RGB	215, 148, 187
RGB Percent	84%, 58%, 73%
CMY	0.1570, 0.4195, 0.2667
CMYK	0.00, 0.31, 0.13, 0.16
HSL	325°, 46%, 71%
HSV	325°, 31%, 84%
XYZ	47.5742, 39.2147, 52.0733
YIQ	172.4790, 27.4130, 26.3330

Conversions

Conversions Part 2

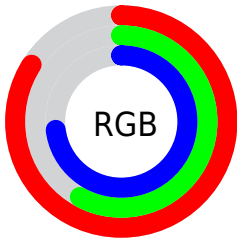
Format	Color
R_{YB}	215, 148, 187
Decimal	14128315
CIE _{Lab}	68.91, 31.02, -10.01
CIE _{LCh}	69, 32.592, 342.107
Yxy	39.2147, 0.3426, 0.2824
Android (android.graphics.Color)	4292318395 (0xFFD794BB)
YUV	172.4790, 7.1589, 37.2909
Hunter-Lab	62.6216, 26.0201, -5.4678

Details

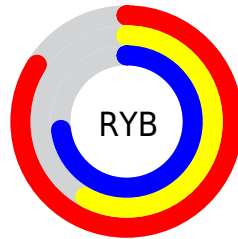
The Yxy color **39.2147, 0.3426, 0.2824** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **58.0119, 0.2912, 0.3809**, and the grayscale version is **41.4635, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.4429, 0.3236, 0.2893**, and **17.4579, 0.3507, 0.2687** is the 20% darker color. If you saturate the color by 10%, you get **32.7135, 0.3559, 0.2672**, and if you desaturate by 10%, it is **46.9958, 0.3312, 0.2979**.

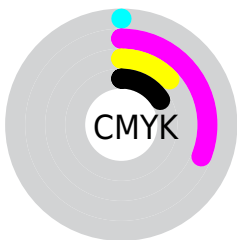
Distribution



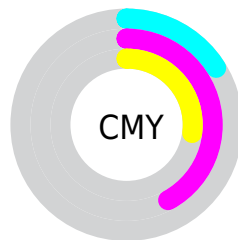
- Red (84%)
- Green (58%)
- Blue (73%)



- Red (84%)
- Yellow (58%)
- Blue (73%)



- Cyan (0%)
- Magenta (31%)
- Yellow (13%)
- Black (16%)





- Cyan (16%)
- Magenta (42%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2147, 0.3426, 0.2824 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 39.2147, 0.3426, 0.2824 by changing the saturation by 10% instead.


 39.2147, 0.3426,
0.2824


 39.2147, 0.3426,
0.2824

342.8024, 0.3277,
0.3055

 26.9268, 0.3463,
0.2767


 73.9662, 0.3372,
0.2907

 17.5182, 0.3511,
0.2695


 97.1986, 0.3351,
0.2939

 10.6047, 0.3574,
0.2599

124.8479, 0.3334,
0.2965

 5.8017, 0.3663,
0.2467

157.2985, 0.3319,
0.2988

 2.7249, 0.3794,
0.2275

194.9349, 0.3307,
0.3008

 0.9898, 0.4008,
0.1970

238.1414, 0.3295,


 0.0000, 0.5305,


0.3026


0.0000


287.3025, 0.3286,
0.3041


 0.0000, 0.0000,
0.0000


 39.2147, 0.3426,
0.2824


 39.2147, 0.3426,
0.2824

 32.7135, 0.3559,
0.2672


 46.9958, 0.3312,
0.2979


 27.4169, 0.3712,
0.2530


 56.1158, 0.3216,
0.3130


 23.2501, 0.3884,
0.2408


 66.6367, 0.3135,
0.3274


 20.1275, 0.4071,
0.2319


 78.6150, 0.3068,
0.3410

 17.9514, 0.4266,
0.2274

 91.7810, 0.3013,
0.3531

 16.6049, 0.4461,
0.2280

 92.3042, 0.2964,
0.3436

 15.9255, 0.4631,
0.2325

 92.8539, 0.2916,
0.3342

 93.1807, 0.2888,
0.3289

Harmonies

Analogous

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



39.2147, 0.2935, 0.2595



39.2147, 0.3426, 0.2824



39.2147, 0.3859, 0.3160

Triad

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



39.2147, 0.3426, 0.2824



39.2147, 0.3712, 0.4133



39.2147, 0.2259, 0.2918

Complementary

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



39.2147, 0.3426, 0.2824



58.0119, 0.2912, 0.3809

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.



39.2147, 0.2434, 0.3365



39.2147, 0.3426, 0.2824



39.2147, 0.3260, 0.4126

Square

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



39.2147, 0.3426, 0.2824



39.2147, 0.4020, 0.3901



39.2147, 0.2793, 0.3833



39.2147, 0.2294, 0.2623

Rectangle

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



39.2147, 0.3426, 0.2824



39.2147, 0.4037, 0.3415



39.2147, 0.2793, 0.3833



39.2147, 0.2294, 0.3054

Sweetspot

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



39.2165, 0.3426, 0.2824



85.6192, 0.3198, 0.3160



35.3123, 0.2810, 0.2436



17.8633, 0.3211, 0.3138



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.



39.2165, 0.3426, 0.2824



51.5640, 0.3507, 0.2729



37.9487, 0.3772, 0.3223



12.5409, 0.3201, 0.3155



9.5511, 0.4604, 0.2310



0.5924, 0.4298, 0.2141

Inverse Universe

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



39.2165, 0.3426, 0.2824



51.5640, 0.3507, 0.2729



59.5002, 0.2714, 0.3360



12.5409, 0.3201, 0.3155



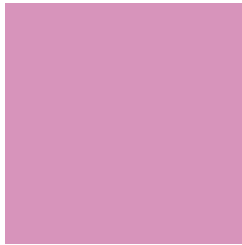
9.5511, 0.4604, 0.2310



0.5924, 0.4298, 0.2141

Previews

White Background



This preview shows how the Yxy color 39.2147, 0.3426, 0.2824 looks on a white background.

Color Contrast Check

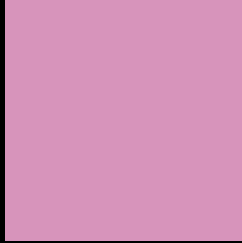
Large Text (above 18pt) WCAG AA × Fail

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 39.2147, 0.3426, 0.2824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

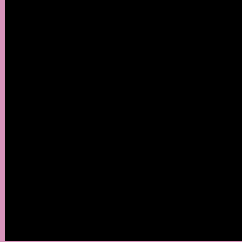
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2147, 0.3426, 0.2824

Background



This preview shows how black text looks on a background with the Yxy color 39.2147, 0.3426, 0.2824.



This preview shows how white text looks on a background with the Yxy color 39.2147, 0.3426, 0.2824.

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

39.2147, 0.3426, 0.2824

Protanopia

39.4423, 0.2827, 0.2857

Deuteranopia

39.4766, 0.3085, 0.3023



Tritanopia

39.1339, 0.3621, 0.3143

Trichromacy



Original Color

39.2147, 0.3426, 0.2824

Protanomaly

38.9055, 0.3020, 0.2833

Deuteranomaly

39.0329, 0.3200, 0.2941

Tritanomaly

39.2579, 0.3551, 0.3034

Monochromacy



Original Color

39.2147, 0.3426, 0.2824

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.0601, 0.3239, 0.3106

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2147, 0.3426, 0.2824 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(215, 148, 187)` looks like.

```
.text, #text, p{  
    color:rgb(215, 148, 187)  
}
```

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(215, 148, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 148, 187) }
```

Border

The CSS property to change the border of an element to Yxy 39.2147, 0.3426, 0.2824 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(215, 148, 187) }
```

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

```
.border{ border-color:rgb(215, 148, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 148, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 148, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 148, 187);  
box-shadow:4px 4px 4px 4px rgb(215, 148,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2147, 0.3426, 0.2824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 148, 187) }
```

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

```
.background{ background-color: rgb(215,  
148, 187) }
```

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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