

Converting Colors

$Y_{xy}(33.5202, 0.3788, 0.2919)$

Have a look what the booklet for
Yxy(33.5202, 0.3788, 0.2919)
contains.

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Color

Yxy(33.5985, 0.3789, 0.2918)

Conversions

Conversions Part 1

Format	Color
Hex	DB82A1
RGB	219, 130, 161
RGB Percent	86%, 51%, 63%
CMY	0.1412, 0.4902, 0.3685
CMYK	0.00, 0.41, 0.26, 0.14
HSL	339°, 55%, 68%
HSV	339°, 41%, 86%
XYZ	43.6274, 33.5985, 37.9163
YIQ	160.1450, 43.0930, 28.5090

Conversions

Conversions Part 2

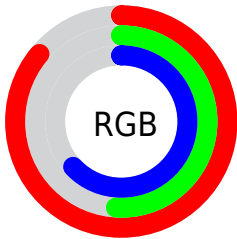
Format	Color
R _Y B	219, 130, 161
Decimal	14385825
CIE Lab	64.64, 38.10, -1.67
CIE LCh	65, 38.134, 357.492
Yxy	33.5985, 0.3789, 0.2918
Android (android.graphics.Color)	4292575905 (0xFFDB82A1)
YUV	160.1450, 0.4215, 51.6158
Hunter-Lab	57.9642, 32.9126, 1.7914

Details

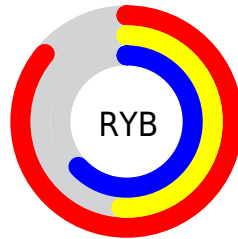
The Yxy color **33.5985, 0.3789, 0.2918** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **59.0311, 0.2738, 0.3706**, and the grayscale version is **35.2091, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.4988, 0.3466, 0.2963**, and **14.2559, 0.3998, 0.2789** is the 20% darker color. If you saturate the color by 10%, you get **27.9058, 0.4043, 0.2832**, and if you desaturate by 10%, it is **40.5915, 0.3575, 0.3012**.

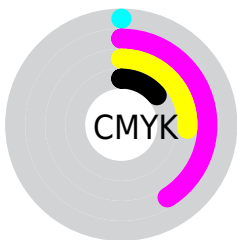
Distribution



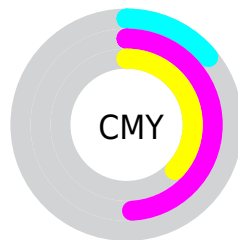
- Red (86%)
- Green (51%)
- Blue (63%)



- Red (86%)
- Yellow (51%)
- Blue (63%)



- Cyan (0%)
- Magenta (41%)
- Yellow (26%)
- Black (14%)




- Cyan (14%)
- Magenta (49%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.5985, 0.3789, 0.2918 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 33.5985, 0.3789, 0.2918 by changing the saturation by 10% instead.

 33.5985, 0.3789,
0.2918

 33.5985, 0.3789,
0.2918


318.3380, 0.3442,
0.3112

 22.5853, 0.3881,
0.2867


 65.3088, 0.3659,
0.2990

 14.2876, 0.4003,
0.2800

 86.7747, 0.3611,
0.3017

 8.3210, 0.4171,
0.2708


 112.4937, 0.3571,
0.3039

 4.3010, 0.4416,
0.2575

142.8501, 0.3537,
0.3058

 1.8433, 0.4808,
0.2365

178.2284, 0.3508,
0.3074

 0.5140, 0.5673,
0.1869

219.0129, 0.3483,

 0.0000, 1.0000,

0.3089

0.0000

265.5879, 0.3461,
0.3101

0.0000, 0.0000,
0.0000

33.5985, 0.3789,
0.2918

33.5985, 0.3789,
0.2918

27.9058, 0.4043,
0.2832

40.5915, 0.3575,
0.3012

23.4272, 0.4335,
0.2763

48.9541, 0.3398,
0.3106

20.0738, 0.4660,
0.2724


58.7564, 0.3253,
0.3198


17.7422, 0.5001,
0.2726

70.0624, 0.3134,
0.3285

16.3096, 0.5331,
0.2778

82.9321, 0.3037,
0.3365

 15.5842, 0.5610,
0.2864

 93.2693, 0.2956,
0.3375

 93.7977, 0.2911,
0.3289

Harmonies

Analogous

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



33.5985, 0.3191, 0.2575



33.5985, 0.3789, 0.2918



33.5985, 0.4212, 0.3354

Triad

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



33.5985, 0.3789, 0.2918



33.5985, 0.3559, 0.4376



33.5985, 0.2071, 0.2615

Complementary

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



33.5985, 0.3789, 0.2918



59.0311, 0.2738, 0.3706

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.



33.5985, 0.2147, 0.3071



33.5985, 0.3789, 0.2918



33.5985, 0.2978, 0.4193

Square

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



33.5985, 0.3789, 0.2918



33.5985, 0.4050, 0.4200



33.5985, 0.2466, 0.3675



33.5985, 0.2237, 0.2388

Rectangle

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



33.5985, 0.3789, 0.2918



33.5985, 0.4313, 0.3662



33.5985, 0.2466, 0.3675



33.5985, 0.2069, 0.2743

Sweetspot

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



33.6001, 0.3789, 0.2918



80.7886, 0.3272, 0.3185



31.7535, 0.2876, 0.2202



16.8850, 0.3290, 0.3173



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.



33.6001, 0.3789, 0.2918



40.2793, 0.4010, 0.2842



36.4220, 0.4090, 0.3455



13.1261, 0.3237, 0.3209



9.2609, 0.5571, 0.2843



0.6159, 0.5115, 0.2592

Inverse Universe

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



33.6001, 0.3789, 0.2918



40.2793, 0.4010, 0.2842



53.8291, 0.2544, 0.3114



13.1261, 0.3237, 0.3209



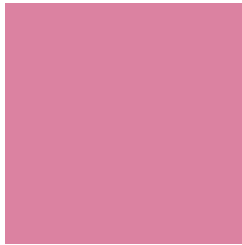
9.2609, 0.5571, 0.2843



0.6159, 0.5115, 0.2592

Previews

White Background



This preview shows how the Yxy color 33.5985, 0.3789, 0.2918 looks on a white background.

Color Contrast Check

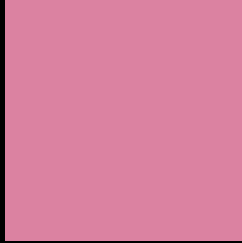
Large Text (above 18pt) WCAG AA × Fail

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 33.5985, 0.3789, 0.2918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

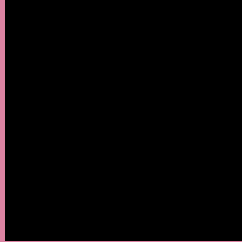
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.5985, 0.3789, 0.2918

Background



This preview shows how black text looks on a background with the Yxy color 33.5985, 0.3789, 0.2918.



This preview shows how white text looks on a background with the Yxy color 33.5985, 0.3789, 0.2918.

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

33.5985, 0.3789, 0.2918

Protanopia

33.8213, 0.2925, 0.2984

Deuteranopia

33.6615, 0.3283, 0.3219



Tritanopia

33.5099, 0.3969, 0.3170

Trichromacy



Original Color

33.5985, 0.3789, 0.2918

Protanomaly

33.2727, 0.3214, 0.2959

Deuteranomaly

33.2340, 0.3465, 0.3101

Tritanomaly

33.6100, 0.3901, 0.3073

Monochromacy



Original Color

33.5985, 0.3789, 0.2918

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

33.8567, 0.3350, 0.3138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5985, 0.3789, 0.2918 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(219, 130, 161)` looks like.

```
.text, #text, p{  
    color:rgb(219, 130, 161)  
}
```

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(219, 130, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 130, 161) }
```

Border

The CSS property to change the border of an element to Yxy 33.5985, 0.3789, 0.2918 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(219, 130, 161) }
```

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

```
.border{ border-color:rgb(219, 130, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 130, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 130, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 130, 161);  
box-shadow:4px 4px 4px 4px rgb(219, 130,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5985, 0.3789, 0.2918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 130, 161) }
```

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

```
.background{ background-color: rgb(219,  
130, 161) }
```

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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