

Converting Colors

$Y_{xy}(33.0194, 0.3729, 0.2833)$

Have a look what the booklet for
Yxy(33.0194, 0.3729, 0.2833)
contains.

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Color

Yxy(33.0969, 0.3726, 0.2834)

Conversions

Conversions Part 1

Format	Color
Hex	DA80A6
RGB	218, 128, 166
RGB Percent	85%, 50%, 65%
CMY	0.1451, 0.4980, 0.3490
CMYK	0.00, 0.41, 0.24, 0.15
HSL	335°, 55%, 68%
HSV	335°, 41%, 85%
XYZ	43.5141, 33.0969, 40.1741
YIQ	159.2420, 41.4420, 30.8980

Conversions

Conversions Part 2

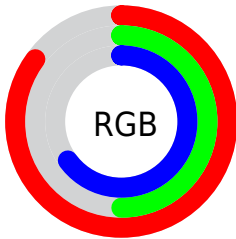
Format	Color
R_{YB}	218, 128, 166
Decimal	14319782
CIE _{Lab}	64.24, 39.50, -5.10
CIE _{LCh}	64, 39.830, 352.638
Yxy	33.0969, 0.3726, 0.2834
Android (android.graphics.Color)	4292509862 (0xFFDA80A6)
YUV	159.2420, 3.3317, 51.5308
Hunter-Lab	57.5299, 34.3354, -1.1322

Details

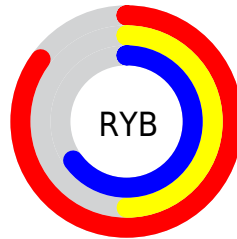
The Yxy color **33.0969, 0.3726, 0.2834** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **58.0238, 0.2770, 0.3808**, and the grayscale version is **34.7590, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9364, 0.3428, 0.2893**, and **13.9609, 0.3921, 0.2694** is the 20% darker color. If you saturate the color by 10%, you get **27.5693, 0.3949, 0.2730**, and if you desaturate by 10%, it is **39.8945, 0.3537, 0.2947**.

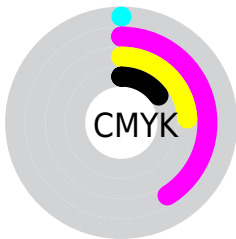
Distribution



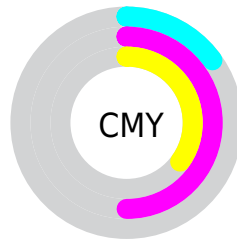
- Red (85%)
- Green (50%)
- Blue (65%)



- Red (85%)
- Yellow (50%)
- Blue (65%)



- Cyan (0%)
- Magenta (41%)
- Yellow (24%)
- Black (15%)





- Cyan (15%)
- Magenta (50%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.0969, 0.3726, 0.2834 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 33.0969, 0.3726, 0.2834 by changing the saturation by 10% instead.


 33.0969, 0.3726,
0.2834


 33.0969, 0.3726,
0.2834

316.0861, 0.3413,
0.3068

 22.2007, 0.3808,
0.2774


 64.5268, 0.3609,
0.2921

 14.0044, 0.3917,
0.2695


 85.8292, 0.3566,
0.2953

 8.1238, 0.4066,
0.2588


 111.3692, 0.3530,
0.2980

 4.1742, 0.4284,
0.2435

141.5312, 0.3500,
0.3003

 1.7715, 0.4628,
0.2201

176.6994, 0.3474,
0.3023

 0.4693, 0.5365,
0.1627

217.2584, 0.3451,


 0.0000, 1.0000,

0.3040


0.0000

263.5925, 0.3431,
0.3055

 0.0000, 0.0000,
0.0000


 33.0969, 0.3726,
0.2834


 33.0969, 0.3726,
0.2834

 27.5693, 0.3949,
0.2730

 39.8945, 0.3537,
0.2947

 23.2266, 0.4204,
0.2645

 48.0305, 0.3378,
0.3061


 19.9808, 0.4485,
0.2592

 57.5740, 0.3247,
0.3172


 17.7295, 0.4781,
0.2582

 68.5880, 0.3139,
0.3277


 16.3504, 0.5073,
0.2625

 81.1317, 0.3051,
0.3375

 15.6778, 0.5313,
0.2700

 92.8093, 0.2978,
0.3428

 93.5906, 0.2910,
0.3298

 93.6442, 0.2906,
0.3289

Harmonies

Analogous

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



33.0969, 0.3089, 0.2499



33.0969, 0.3726, 0.2834



33.0969, 0.4216, 0.3276

Triad

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



33.0969, 0.3726, 0.2834



33.0969, 0.3670, 0.4423



33.0969, 0.2020, 0.2642

Complementary

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



33.0969, 0.3726, 0.2834



58.0238, 0.2770, 0.3808

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.



33.0969, 0.2140, 0.3154



33.0969, 0.3726, 0.2834



33.0969, 0.3066, 0.4302

Square

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



33.0969, 0.3726, 0.2834



33.0969, 0.4155, 0.4184



33.0969, 0.2509, 0.3798



33.0969, 0.2153, 0.2368

Rectangle

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



33.0969, 0.3726, 0.2834



33.0969, 0.4362, 0.3596



33.0969, 0.2509, 0.3798



33.0969, 0.2032, 0.2788

Sweetspot

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



33.0985, 0.3726, 0.2834



80.9198, 0.3257, 0.3163



30.0861, 0.2801, 0.2162



16.9158, 0.3273, 0.3148



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.



33.0985, 0.3726, 0.2834



39.9184, 0.3929, 0.2738



33.5155, 0.4151, 0.3366



13.1423, 0.3226, 0.3192



9.4139, 0.5276, 0.2680



0.6269, 0.4858, 0.2450

Inverse Universe

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



33.0985, 0.3726, 0.2834



39.9184, 0.3929, 0.2738



56.7351, 0.2552, 0.3210



13.1423, 0.3226, 0.3192



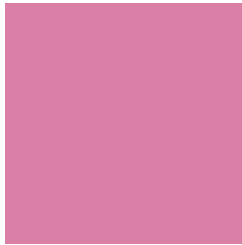
9.4139, 0.5276, 0.2680



0.6269, 0.4858, 0.2450

Previews

White Background



This preview shows how the Yxy color 33.0969, 0.3726, 0.2834 looks on a white background.

Color Contrast Check

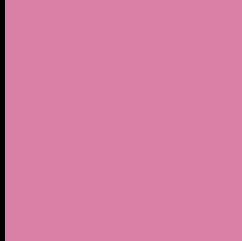
Large Text (above 18pt) WCAG AA × Fail

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 33.0969, 0.3726, 0.2834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

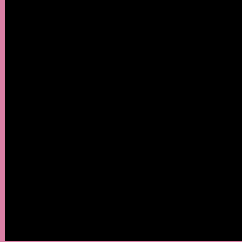
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.0969, 0.3726, 0.2834

Background



This preview shows how black text looks on a background with the Yxy color 33.0969, 0.3726, 0.2834.



This preview shows how white text looks on a background with the Yxy color 33.0969, 0.3726, 0.2834.

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

33.0969, 0.3726, 0.2834

Protanopia

33.4409, 0.2848, 0.2883

Deuteranopia

33.1769, 0.3205, 0.3132



Tritanopia

33.0545, 0.3975, 0.3169

Trichromacy



Original Color

33.0969, 0.3726, 0.2834

Protanomaly

32.5391, 0.3128, 0.2848

Deuteranomaly

32.8541, 0.3393, 0.3019

Tritanomaly

33.2187, 0.3882, 0.3048

Monochromacy



Original Color

33.0969, 0.3726, 0.2834

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.4917, 0.3322, 0.3096

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0969, 0.3726, 0.2834 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(218, 128, 166)` looks like.

```
.text, #text, p{  
    color:rgb(218, 128, 166)  
}
```

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(218, 128, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 128, 166) }
```

Border

The CSS property to change the border of an element to Yxy 33.0969, 0.3726, 0.2834 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(218, 128, 166) }
```

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

```
.border{ border-color:rgb(218, 128, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 128, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 128, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 128, 166);  
box-shadow:4px 4px 4px 4px rgb(218, 128,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0969, 0.3726, 0.2834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 128, 166) }
```

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

```
.background{ background-color: rgb(218,  
128, 166) }
```

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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