

Converting Colors

$Yxy(35.3086, 0.3474, 0.2686)$

Have a look what the booklet for
Yxy(35.3086, 0.3474, 0.2686)
contains.

Yxy(35.4297, 0.3478, 0.2694)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.4297, 0.3478, 0.2694)

Conversions

Conversions Part 1

Format	Color
Hex	D887B9
RGB	216, 135, 185
RGB Percent	85%, 53%, 73%
CMY	0.1530, 0.4706, 0.2744
CMYK	0.00, 0.37, 0.14, 0.15
HSL	323°, 51%, 69%
HSV	323°, 37%, 85%
XYZ	45.7403, 35.4297, 50.3433
YIQ	164.9190, 32.2260, 32.7220

Conversions

Conversions Part 2

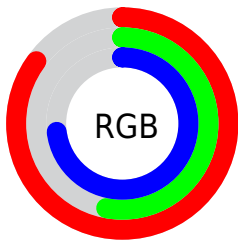
Format	Color
R _Y B	216, 135, 185
Decimal	14190521
CIE Lab	66.08, 38.02, -13.13
CIE LCh	66, 40.226, 340.946
Yxy	35.4297, 0.3478, 0.2694
Android (android.graphics.Color)	4292380601 (0xFFD887B9)
YUV	164.9190, 9.8999, 44.7980
Hunter-Lab	59.5229, 33.0034, -8.4804

Details

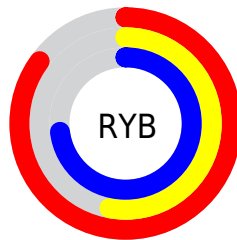
The Yxy color **35.4297, 0.3478, 0.2694** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.0107, 0.2891, 0.3978**, and the grayscale version is **37.5276, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.0061, 0.3261, 0.2772**, and **15.3260, 0.3583, 0.2524** is the 20% darker color. If you saturate the color by 10%, you get **29.6642, 0.3611, 0.2539**, and if you desaturate by 10%, it is **42.4413, 0.3363, 0.2856**.

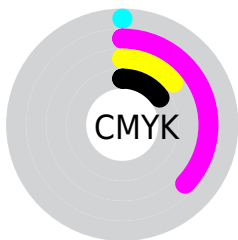
Distribution



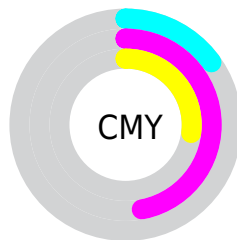
- Red (85%)
- Green (53%)
- Blue (73%)



- Red (85%)
- Yellow (53%)
- Blue (73%)



- Cyan (0%)
- Magenta (37%)
- Yellow (14%)
- Black (15%)



- Cyan (15%)
- Magenta (47%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.4297, 0.3478, 0.2694 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 35.4297, 0.3478, 0.2694 by changing the saturation by 10% instead.


 35.4297, 0.3478,
0.2694


 35.4297, 0.3478,
0.2694


326.4610, 0.3302,
0.2990


 23.9941, 0.3522,
0.2621


 68.1509, 0.3414,
0.2801

 15.3292, 0.3579,
0.2527


 90.2053, 0.3390,
0.2842

 9.0508, 0.3654,
0.2404


 116.5680, 0.3370,
0.2876

 4.7743, 0.3759,
0.2234

147.6235, 0.3352,
0.2905

 2.1155, 0.3914,
0.1987

183.7561, 0.3337,
0.2931

 0.6733, 0.4182,
0.1567

225.3503, 0.3324,

 0.0000, 0.5364,

0.2953

0.0000

272.7905, 0.3312,
0.2973

0.0000, 0.0000,
0.0000

35.4297, 0.3478,
0.2694

35.4297, 0.3478,
0.2694

29.6642, 0.3611,
0.2539

42.4413, 0.3363,
0.2856

25.0651, 0.3760,
0.2401

50.7626, 0.3264,
0.3019

21.5512, 0.3923,
0.2292


60.4585, 0.3181,
0.3177

19.0288, 0.4095,
0.2222


71.5885, 0.3111,
0.3327

17.3878, 0.4270,
0.2202

84.2083, 0.3053,
0.3467

 16.4781, 0.4441,
0.2232

 92.0913, 0.3004,
0.3502

 16.3027, 0.4484,
0.2244

 92.5786, 0.2959,
0.3415

 93.0883, 0.2915,
0.3329

 93.3376, 0.2894,
0.3289

Harmonies

Analogous

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



35.4297, 0.2855, 0.2421



35.4297, 0.3478, 0.2694



35.4297, 0.4045, 0.3098

Triad

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



35.4297, 0.3478, 0.2694



35.4297, 0.3874, 0.4351



35.4297, 0.2049, 0.2822

Complementary

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



35.4297, 0.3478, 0.2694



57.0107, 0.2891, 0.3978

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.



35.4297, 0.2266, 0.3400



35.4297, 0.3478, 0.2694



35.4297, 0.3303, 0.4384

Square

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



35.4297, 0.3478, 0.2694



35.4297, 0.4265, 0.4022



35.4297, 0.2715, 0.4018



35.4297, 0.2084, 0.2456

Rectangle

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



35.4297, 0.3478, 0.2694



35.4297, 0.4282, 0.3408



35.4297, 0.2715, 0.4018



35.4297, 0.2093, 0.2996

Sweetspot

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



35.4313, 0.3478, 0.2694



82.7193, 0.3209, 0.3121



30.2543, 0.2692, 0.2230



17.2875, 0.3220, 0.3099



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.



35.4313, 0.3478, 0.2694



44.7990, 0.3582, 0.2570



33.9965, 0.3917, 0.3159



12.5485, 0.3196, 0.3147



9.6720, 0.4459, 0.2230



0.5993, 0.4187, 0.2080

Inverse Universe

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



35.4313, 0.3478, 0.2694



44.7990, 0.3582, 0.2570



58.6759, 0.2665, 0.3430



12.5485, 0.3196, 0.3147



9.6720, 0.4459, 0.2230



0.5993, 0.4187, 0.2080

Previews

White Background



This preview shows how the Yxy color 35.4297, 0.3478, 0.2694 looks on a white background.

Color Contrast Check

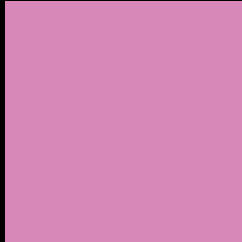
Large Text (above 18pt) WCAG AA × Fail

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 35.4297, 0.3478, 0.2694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

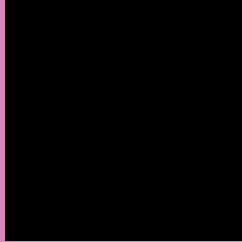
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.4297, 0.3478, 0.2694

Background



This preview shows how black text looks on a background with the Yxy color 35.4297, 0.3478, 0.2694.



This preview shows how white text looks on a background with the Yxy color 35.4297, 0.3478, 0.2694.

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

35.4297, 0.3478, 0.2694

Protanopia

35.6399, 0.2707, 0.2693

Deuteranopia

35.6656, 0.3011, 0.2955



Tritanopia

35.3138, 0.3782, 0.3154

Trichromacy



Original Color

35.4297, 0.3478, 0.2694

Protanomaly

34.9122, 0.2956, 0.2677

Deuteranomaly

35.1866, 0.3177, 0.2852

Tritanomaly

35.2917, 0.3666, 0.2983

Monochromacy



Original Color

35.4297, 0.3478, 0.2694

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.2801, 0.3257, 0.3048

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4297, 0.3478, 0.2694 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(216, 135, 185)` looks like.

```
.text, #text, p{  
    color:rgb(216, 135, 185)  
}
```

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(216, 135, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 135, 185) }
```

Border

The CSS property to change the border of an element to Yxy 35.4297, 0.3478, 0.2694 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(216, 135, 185) }
```

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

```
.border{ border-color:rgb(216, 135, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 135, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 135, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 135, 185);  
box-shadow:4px 4px 4px 4px rgb(216, 135,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4297, 0.3478, 0.2694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 135, 185) }
```

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

```
.background{ background-color: rgb(216,  
135, 185) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor