

Converting Colors

$Yxy(48.1780, 0.3341, 0.3080)$

Have a look what the booklet for
Yxy(48.1780, 0.3341, 0.3080)
contains.

Yxy(48.3298, 0.3341, 0.3089)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(48.3298, 0.3341, 0.3089)

Conversions

Conversions Part 1

Format	Color
Hex	D6AEBF
RGB	214, 174, 191
RGB Percent	84%, 68%, 75%
CMY	0.1607, 0.3176, 0.2510
CMYK	0.00, 0.19, 0.11, 0.16
HSL	335°, 33%, 76%
HSV	335°, 19%, 84%
XYZ	52.2725, 48.3298, 55.8554
YIQ	187.8980, 18.3830, 13.7670

Conversions

Conversions Part 2

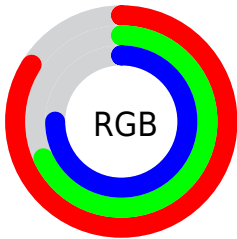
Format	Color
R _Y B	214, 174, 191
Decimal	14069439
CIE Lab	75.03, 17.27, -3.15
CIE LCh	75, 17.556, 349.663
Yxy	48.3298, 0.3341, 0.3089
Android (android.graphics.Color)	4292259519 (0xFFD6AEBF)
YUV	187.8980, 1.5293, 22.8915
Hunter-Lab	69.5196, 12.5566, 1.0273

Details

The Yxy color **48.3298, 0.3341, 0.3089** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.1303, 0.2954, 0.3500**, and the grayscale version is **50.2131, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5690, 0.3189, 0.3125**, and **22.8807, 0.3398, 0.3022** is the 20% darker color. If you saturate the color by 10%, you get **40.1914, 0.3491, 0.2975**, and if you desaturate by 10%, it is **57.8355, 0.3217, 0.3199**.

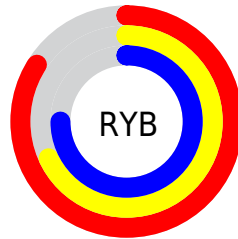
Distribution



Red (84%)

Green (68%)

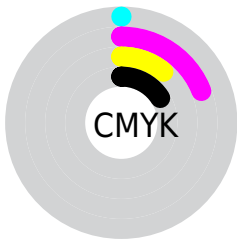
Blue (75%)



Red (84%)

Yellow (68%)

Blue (75%)

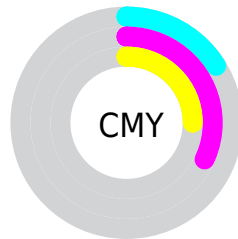


Cyan (0%)

Magenta (19%)

Yellow (11%)

Black (16%)



Cyan (16%)

Magenta (32%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.3298, 0.3341, 0.3089 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 48.3298, 0.3341, 0.3089 by changing the saturation by 10% instead.


 48.3298, 0.3341,
0.3089

 48.3298, 0.3341,
0.3089


380.0979, 0.3235,
0.3188

 34.0881, 0.3367,
0.3065


 87.6952, 0.3303,
0.3124

 22.9613, 0.3400,
0.3034


113.5878, 0.3289,
0.3138

 14.5649, 0.3444,
0.2994


144.1328, 0.3276,
0.3149

 8.5146, 0.3505,
0.2939

179.7146, 0.3266,
0.3159

 4.4260, 0.3594,
0.2859

220.7176, 0.3257,
0.3168

 1.9146, 0.3737,
0.2732

267.5262, 0.3249,

 0.5571, 0.4085,

0.3175

0.2381

320.5249, 0.3242,
0.3182

0.0000, 0.0000,
0.0000

48.3298, 0.3341,
0.3089

48.3298, 0.3341,
0.3089

40.1914, 0.3491,
0.2975

57.8355, 0.3217,
0.3199

33.3505, 0.3671,
0.2861

68.7612, 0.3115,
0.3303

27.7408, 0.3884,
0.2754

81.1648, 0.3031,
0.3400

23.2875, 0.4129,
0.2662

92.1240, 0.2962,
0.3442

19.9076, 0.4403,
0.2598

92.8821, 0.2896,
0.3314

■ 17.5069, 0.4695,
0.2576

■ 93.0378, 0.2883,
0.3289

■ 15.9744, 0.4988,
0.2604

■ 15.1392, 0.5265,
0.2682

■ 15.0506, 0.5301,
0.2694

Harmonies

Analogous

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



48.3298, 0.3097, 0.2946



48.3298, 0.3341, 0.3089



48.3298, 0.3531, 0.3283

Triad

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



48.3298, 0.3341, 0.3089



48.3298, 0.3379, 0.3720



48.3298, 0.2668, 0.3066

Complementary

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



48.3298, 0.3341, 0.3089



61.1303, 0.2954, 0.3500

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.



48.3298, 0.2737, 0.3277



48.3298, 0.3341, 0.3089



48.3298, 0.3143, 0.3669

Square

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



48.3298, 0.3341, 0.3089



48.3298, 0.3552, 0.3648



48.3298, 0.2909, 0.3503



48.3298, 0.2715, 0.2927

Rectangle

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



48.3298, 0.3341, 0.3089



48.3298, 0.3598, 0.3420



48.3298, 0.2909, 0.3503



48.3298, 0.2678, 0.3130

Sweetspot

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



48.3320, 0.3341, 0.3089



90.0695, 0.3188, 0.3227



46.9551, 0.3003, 0.2808



19.0574, 0.3195, 0.3220



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.



48.3320, 0.3341, 0.3089



67.3732, 0.3391, 0.3049



48.6679, 0.3485, 0.3323



12.5074, 0.3225, 0.3191



9.1159, 0.5264, 0.2673



0.5662, 0.4823, 0.2431

Inverse Universe

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



48.3320, 0.3341, 0.3089



67.3732, 0.3391, 0.3049



60.6142, 0.2846, 0.3257



12.5074, 0.3225, 0.3191



9.1159, 0.5264, 0.2673



0.5662, 0.4823, 0.2431

Previews

White Background



This preview shows how the Yxy color 48.3298, 0.3341, 0.3089 looks on a white background.

Color Contrast Check

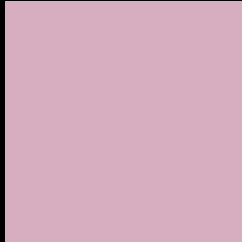
Large Text (above 18pt) WCAG AA × Fail

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 48.3298, 0.3341, 0.3089 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 48.3298, 0.3341, 0.3089

Background



This preview shows how black text looks on a background with the Yxy color 48.3298, 0.3341, 0.3089.



This preview shows how white text looks on a background with the Yxy color 48.3298, 0.3341, 0.3089.

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

48.3298, 0.3341, 0.3089

Protanopia

48.6265, 0.3036, 0.3126

Deuteranopia

48.2373, 0.3220, 0.3155



Tritanopia

48.1991, 0.3367, 0.3124

Trichromacy



Original Color

48.3298, 0.3341, 0.3089

Protanomaly

48.3184, 0.3144, 0.3105

Deuteranomaly

48.1411, 0.3266, 0.3132

Tritanomaly

48.2424, 0.3358, 0.3112

Monochromacy



Original Color

48.3298, 0.3341, 0.3089

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.4114, 0.3199, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3298, 0.3341, 0.3089 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(214, 174, 191)` looks like.

```
.text, #text, p{  
    color:rgb(214, 174, 191)  
}
```

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(214, 174, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 174, 191) }
```

Border

The CSS property to change the border of an element to Yxy 48.3298, 0.3341, 0.3089 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(214, 174, 191) }
```

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

```
.border{ border-color:rgb(214, 174, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 174, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 174, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 174, 191);  
box-shadow:4px 4px 4px 4px rgb(214, 174,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3298, 0.3341, 0.3089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 174, 191) }
```

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

```
.background{ background-color: rgb(214,  
174, 191) }
```

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