

Converting Colors

$Yxy(47.6267, 0.3394, 0.2998)$

Have a look what the booklet for
Yxy(47.6267, 0.3394, 0.2998)
contains.

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Color

Yxy(47.8006, 0.3394, 0.3001)

Conversions

Conversions Part 1

Format	Color
Hex	DEA9C2
RGB	222, 169, 194
RGB Percent	87%, 66%, 76%
CMY	0.1292, 0.3373, 0.2392
CMYK	0.00, 0.24, 0.13, 0.13
HSL	332°, 45%, 77%
HSV	332°, 24%, 87%
XYZ	54.0604, 47.8006, 57.4212
YIQ	187.6970, 23.5630, 19.0110

Conversions

Conversions Part 2

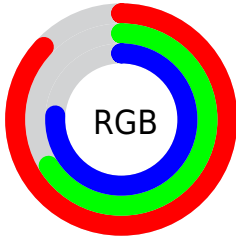
Format	Color
R _Y B	222, 169, 194
Decimal	14592450
CIE Lab	74.70, 23.33, -5.21
CIE LCh	75, 23.900, 347.416
Yxy	47.8006, 0.3394, 0.3001
Android (android.graphics.Color)	4292782530 (0xFFDEA9C2)
YUV	187.6970, 3.1074, 30.0837
Hunter-Lab	69.1380, 18.5813, -0.8456

Details

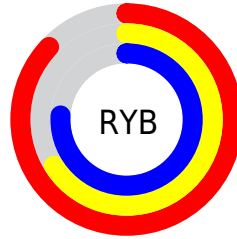
The Yxy color **47.8006, 0.3394, 0.3001** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **64.7316, 0.2923, 0.3599**, and the grayscale version is **50.0834, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0126, 0.3173, 0.3046**, and **22.4912, 0.3471, 0.2923** is the 20% darker color. If you saturate the color by 10%, you get **39.7250, 0.3546, 0.2874**, and if you desaturate by 10%, it is **57.3250, 0.3268, 0.3126**.

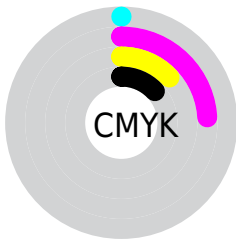
Distribution



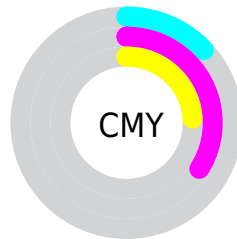
- Red (87%)
- Green (66%)
- Blue (76%)



- Red (87%)
- Yellow (66%)
- Blue (76%)



- Cyan (0%)
- Magenta (24%)
- Yellow (13%)
- Black (13%)



- Cyan (13%)
- Magenta (34%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.8006, 0.3394, 0.3001 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 47.8006, 0.3394, 0.3001 by changing the saturation by 10% instead.

 47.8006, 0.3394,
0.3001


 47.8006, 0.3394,
0.3001


378.0012, 0.3263,
0.3142

 33.6690, 0.3426,
0.2967


 86.9074, 0.3347,
0.3051

 22.6394, 0.3467,
0.2924


 112.6515, 0.3329,
0.3071

 14.3275, 0.3521,
0.2867


143.0351, 0.3314,
0.3087

 8.3488, 0.3595,
0.2790

178.4428, 0.3301,
0.3101

 4.3189, 0.3704,
0.2680

219.2588, 0.3289,
0.3113

 1.8535, 0.3877,
0.2506

265.8676, 0.3279,

 0.5202, 0.4277,

0.3124

0.2052

318.6536, 0.3271,
0.3133

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.8006, 0.3394,
0.3001

47.8006, 0.3394,
0.3001

39.7250, 0.3546,
0.2874

57.3250, 0.3268,
0.3126

33.0199, 0.3725,
0.2750

68.3584, 0.3163,
0.3245

27.6095, 0.3934,
0.2638

80.9656, 0.3076,
0.3357

23.4077, 0.4170,
0.2549

93.4037, 0.3005,
0.3433

■ 20.3182, 0.4426,
0.2495

■ 94.1274, 0.2942,
0.3313

■ 18.2294, 0.4693,
0.2489

■ 94.2766, 0.2929,
0.3289

■ 17.0061, 0.4953,
0.2537

■ 16.5508, 0.5106,
0.2587

Harmonies

Analogous

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



47.8006, 0.3058, 0.2819



47.8006, 0.3394, 0.3001



47.8006, 0.3667, 0.3254

Triad

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



47.8006, 0.3394, 0.3001



47.8006, 0.3488, 0.3879



47.8006, 0.2509, 0.2997

Complementary

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



47.8006, 0.3394, 0.3001



64.7316, 0.2923, 0.3599

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.



47.8006, 0.2612, 0.3291



47.8006, 0.3394, 0.3001



47.8006, 0.3169, 0.3828

Square

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



47.8006, 0.3394, 0.3001



47.8006, 0.3718, 0.3760



47.8006, 0.2849, 0.3605



47.8006, 0.2561, 0.2805

Rectangle

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



47.8006, 0.3394, 0.3001



47.8006, 0.3767, 0.3438



47.8006, 0.2849, 0.3605



47.8006, 0.2527, 0.3087

Sweetspot

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



47.8028, 0.3394, 0.3001



88.5426, 0.3194, 0.3208



45.4364, 0.2939, 0.2658



18.7510, 0.3200, 0.3201



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.



47.8028, 0.3394, 0.3001



59.2822, 0.3471, 0.2933



47.1014, 0.3621, 0.3302



13.8076, 0.3218, 0.3180



9.8486, 0.5072, 0.2568



0.7006, 0.4710, 0.2368

Inverse Universe

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



47.8028, 0.3394, 0.3001



59.2822, 0.3471, 0.2933



65.5071, 0.2775, 0.3278



13.8076, 0.3218, 0.3180



9.8486, 0.5072, 0.2568



0.7006, 0.4710, 0.2368

Previews

White Background



This preview shows how the Yxy color 47.8006, 0.3394, 0.3001 looks on a white background.

Color Contrast Check

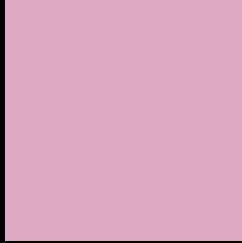
Large Text (above 18pt) WCAG AA × Fail

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 47.8006, 0.3394, 0.3001 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 47.8006, 0.3394, 0.3001

Background



This preview shows how black text looks on a background with the Yxy color 47.8006, 0.3394, 0.3001.



This preview shows how white text looks on a background with the Yxy color 47.8006, 0.3394, 0.3001.

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

47.8006, 0.3394, 0.3001

Protanopia

48.1239, 0.2967, 0.3037

Deuteranopia

48.0517, 0.3186, 0.3130



Tritanopia

47.9587, 0.3471, 0.3139

Trichromacy



Original Color

47.8006, 0.3394, 0.3001

Protanomaly

47.8812, 0.3114, 0.3020

Deuteranomaly

47.7756, 0.3260, 0.3073

Tritanomaly

47.7524, 0.3437, 0.3081

Monochromacy



Original Color

47.8006, 0.3394, 0.3001

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.0448, 0.3218, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8006, 0.3394, 0.3001 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(222, 169, 194)` looks like.

```
.text, #text, p{  
    color:rgb(222, 169, 194)  
}
```

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(222, 169, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 169, 194) }
```

Border

The CSS property to change the border of an element to Yxy 47.8006, 0.3394, 0.3001 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(222, 169, 194) }
```

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

```
.border{ border-color:rgb(222, 169, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 169, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 169, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 169, 194);  
box-shadow:4px 4px 4px 4px rgb(222, 169,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8006, 0.3394, 0.3001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 169, 194) }
```

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

```
.background{ background-color: rgb(222,  
169, 194) }
```

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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