

Converting Colors

$Yxy(47.6804, 0.3479, 0.3101)$

Have a look what the booklet for
Yxy(47.6804, 0.3479, 0.3101)
contains.

Yxy(47.6091, 0.3475, 0.3093)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(47.6091, 0.3475, 0.3093)

Conversions

Conversions Part 1

Format	Color
Hex	DFA9BA
RGB	223, 169, 186
RGB Percent	87%, 66%, 73%
CMY	0.1254, 0.3373, 0.2706
CMYK	0.00, 0.24, 0.17, 0.13
HSL	341°, 46%, 77%
HSV	341°, 24%, 87%
XYZ	53.4890, 47.6091, 52.8272
YIQ	187.0840, 26.7270, 16.7350

Conversions

Conversions Part 2

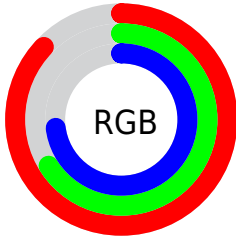
Format	Color
R _Y B	223, 169, 186
Decimal	14657978
CIE Lab	74.58, 22.38, -0.99
CIE LCh	75, 22.406, 357.476
Yxy	47.6091, 0.3475, 0.3093
Android (android.graphics.Color)	4292848058 (0xFFDFA9BA)
YUV	187.0840, -0.5344, 31.4983
Hunter-Lab	68.9993, 17.6263, 2.9060

Details

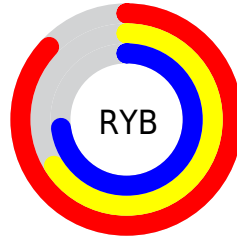
The Yxy color **47.6091, 0.3475, 0.3093** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **65.6818, 0.2870, 0.3497**, and the grayscale version is **49.7379, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.5212, 0.3226, 0.3123**, and **22.6315, 0.3570, 0.3045** is the 20% darker color. If you saturate the color by 10%, you get **39.3935, 0.3676, 0.3007**, and if you desaturate by 10%, it is **57.3139, 0.3310, 0.3177**.

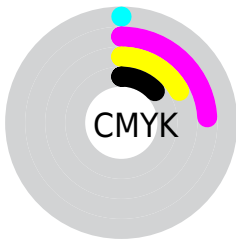
Distribution



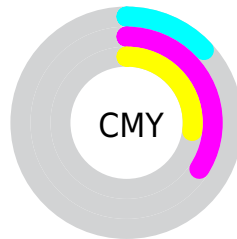
- Red (87%)
- Green (66%)
- Blue (73%)



- Red (87%)
- Yellow (66%)
- Blue (73%)



- Cyan (0%)
- Magenta (24%)
- Yellow (17%)
- Black (13%)




- Cyan (13%)
- Magenta (34%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.6091, 0.3475, 0.3093 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 47.6091, 0.3475, 0.3093 by changing the saturation by 10% instead.


 47.6091, 0.3475,
0.3093


 47.6091, 0.3475,
0.3093


377.2406, 0.3302,
0.3191

 33.5174, 0.3518,
0.3069


 86.6221, 0.3412,
0.3128

 22.5231, 0.3573,
0.3038


 112.3122, 0.3389,
0.3142

 14.2418, 0.3646,
0.2997


142.6373, 0.3369,
0.3153

 8.2890, 0.3747,
0.2941

177.9817, 0.3352,
0.3163

 4.2804, 0.3898,
0.2857

218.7298, 0.3337,
0.3171

 1.8316, 0.4143,
0.2723

265.2661, 0.3324,

 0.5068, 0.4803,

0.3178

0.2336

317.9749, 0.3312,
0.3185

0.0000, 0.0000,
0.0000

47.6091, 0.3475,
0.3093

47.6091, 0.3475,
0.3093

39.3935, 0.3676,
0.3007

57.3139, 0.3310,
0.3177

32.5866, 0.3917,
0.2924

68.5701, 0.3176,
0.3258

27.1101, 0.4202,
0.2852

81.4444, 0.3067,
0.3332

22.8755, 0.4528,
0.2800

93.9359, 0.2977,
0.3369

19.7834, 0.4881,
0.2781

94.4325, 0.2935,
0.3289

■ 17.7188, 0.5239,
0.2806

■ 16.5422, 0.5569,
0.2879

■ 16.1374, 0.5740,
0.2936

Harmonies

Analogous

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



47.6091, 0.3169, 0.2894



47.6091, 0.3475, 0.3093



47.6091, 0.3690, 0.3345

Triad

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



47.6091, 0.3475, 0.3093



47.6091, 0.3372, 0.3845



47.6091, 0.2545, 0.2942

Complementary

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



47.6091, 0.3475, 0.3093



65.6818, 0.2870, 0.3497

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.



47.6091, 0.2594, 0.3193



47.6091, 0.3475, 0.3093



47.6091, 0.3062, 0.3739

Square

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



47.6091, 0.3475, 0.3093



47.6091, 0.3625, 0.3785



47.6091, 0.2779, 0.3491



47.6091, 0.2642, 0.2801

Rectangle

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



47.6091, 0.3475, 0.3093



47.6091, 0.3746, 0.3516



47.6091, 0.2779, 0.3491



47.6091, 0.2545, 0.3016

Sweetspot

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



47.6113, 0.3475, 0.3093



88.3724, 0.3211, 0.3236



46.8126, 0.3011, 0.2662



18.7116, 0.3219, 0.3231



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.



47.6113, 0.3475, 0.3093



58.7037, 0.3570, 0.3050



50.7568, 0.3605, 0.3407



13.7713, 0.3243, 0.3216



9.5039, 0.5701, 0.2914



0.6746, 0.5261, 0.2672

Inverse Universe

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



47.6113, 0.3475, 0.3093



58.7037, 0.3570, 0.3050



61.4134, 0.2761, 0.3169



13.7713, 0.3243, 0.3216



9.5039, 0.5701, 0.2914



0.6746, 0.5261, 0.2672

Previews

White Background



This preview shows how the Yxy color 47.6091, 0.3475, 0.3093 looks on a white background.

Color Contrast Check

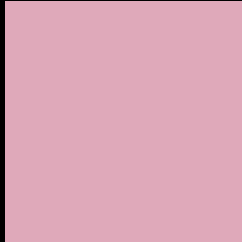
Large Text (above 18pt) WCAG AA × Fail

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 47.6091, 0.3475, 0.3093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

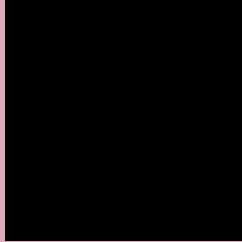
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.6091, 0.3475, 0.3093

Background



This preview shows how black text looks on a background with the Yxy color 47.6091, 0.3475, 0.3093.



This preview shows how white text looks on a background with the Yxy color 47.6091, 0.3475, 0.3093.

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

47.6091, 0.3475, 0.3093

Protanopia

47.9524, 0.3050, 0.3150

Deuteranopia

47.7190, 0.3280, 0.3216



Tritanopia

47.8563, 0.3500, 0.3139

Trichromacy



Original Color

47.6091, 0.3475, 0.3093

Protanomaly

47.6081, 0.3195, 0.3129

Deuteranomaly

47.7180, 0.3346, 0.3170

Tritanomaly

47.8981, 0.3491, 0.3128

Monochromacy



Original Color

47.6091, 0.3475, 0.3093

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.5097, 0.3244, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.6091, 0.3475, 0.3093 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(223, 169, 186)` looks like.

```
.text, #text, p{  
    color:rgb(223, 169, 186)  
}
```

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(223, 169, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 169, 186) }
```

Border

The CSS property to change the border of an element to Yxy 47.6091, 0.3475, 0.3093 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(223, 169, 186) }
```

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

```
.border{ border-color:rgb(223, 169, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 169, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 169, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 169, 186);  
box-shadow:4px 4px 4px 4px rgb(223, 169,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 47.6091, 0.3475, 0.3093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 169, 186) }
```

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

```
.background{ background-color: rgb(223,  
169, 186) }
```

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