

Converting Colors

$Yxy(39.6994, 0.3643, 0.2987)$

Have a look what the booklet for
Yxy(39.6994, 0.3643, 0.2987)
contains.

Yxy(39.8849, 0.3648, 0.2996)	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(39.8849, 0.3648, 0.2996)

Conversions

Conversions Part 1

Format	Color
Hex	DF94AD
RGB	223, 148, 173
RGB Percent	87%, 58%, 68%
CMY	0.1255, 0.4196, 0.3215
CMYK	0.00, 0.34, 0.22, 0.13
HSL	340°, 54%, 73%
HSV	340°, 34%, 87%
XYZ	48.5648, 39.8849, 44.6775
YIQ	173.2750, 36.6750, 23.6750

Conversions

Conversions Part 2

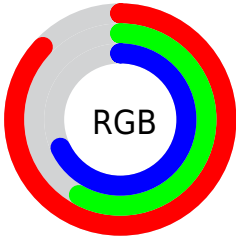
Format	Color
R _Y B	223, 148, 173
Decimal	14652589
CIE Lab	69.39, 31.68, -1.40
CIE LCh	69, 31.709, 357.472
Yxy	39.8849, 0.3648, 0.2996
Android (android.graphics.Color)	4292842669 (0xFFDF94AD)
YUV	173.2750, -0.1356, 43.6088
Hunter-Lab	63.1545, 26.7433, 2.2645

Details

The Yxy color **39.8849, 0.3648, 0.2996** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.1493, 0.2788, 0.3609**, and the grayscale version is **41.9247, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.5733, 0.3345, 0.3039**, and **17.8532, 0.3797, 0.2902** is the 20% darker color. If you saturate the color by 10%, you get **33.0079, 0.3880, 0.2908**, and if you desaturate by 10%, it is **48.1773, 0.3455, 0.3087**.

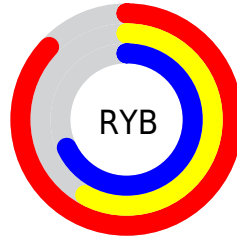
Distribution



Red (87%)

Green (58%)

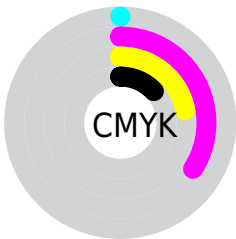
Blue (68%)



Red (87%)

Yellow (58%)

Blue (68%)

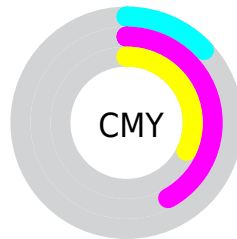


Cyan (0%)

Magenta (34%)

Yellow (22%)

Black (13%)



Cyan (13%)


Magenta (42%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.8849, 0.3648, 0.2996 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 39.8849, 0.3648, 0.2996 by changing the saturation by 10% instead.


 39.8849, 0.3648,
0.2996


 39.8849, 0.3648,
0.2996


345.6382, 0.3382,
0.3146

 27.4488, 0.3716,
0.2958


 74.9882, 0.3550,
0.3051

 17.9106, 0.3805,
0.2909


 98.4242, 0.3513,
0.3071

 10.8858, 0.3926,
0.2842


126.2957, 0.3483,
0.3089

 5.9901, 0.4097,
0.2748

158.9869, 0.3457,
0.3103

 2.8391, 0.4360,
0.2604

196.8824, 0.3434,
0.3116

 1.0483, 0.4813,
0.2362

240.3666, 0.3414,


 0.0000, 0.9673,


0.3127

0.0000

289.8237, 0.3397,
0.3137


 0.0000, 0.0000,
0.0000

 39.8849, 0.3648,
0.2996


 39.8849, 0.3648,
0.2996


 33.0079, 0.3880,
0.2908


 48.1773, 0.3455,
0.3087


 27.4608, 0.4153,
0.2830


 57.9528, 0.3297,
0.3176

 23.1579, 0.4466,
0.2772

 69.2818, 0.3168,
0.3261

 20.0006, 0.4807,
0.2747

 82.2281, 0.3063,
0.3340

 17.8754, 0.5156,
0.2767

 93.9442, 0.2976,
0.3367

■ 16.6449, 0.5483,
0.2836

■ 94.4281, 0.2935,
0.3289

■ 16.1872, 0.5671,
0.2898

Harmonies

Analogous

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



39.8849, 0.3183, 0.2713



39.8849, 0.3648, 0.2996



39.8849, 0.3977, 0.3355

Triad

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



39.8849, 0.3648, 0.2996



39.8849, 0.3481, 0.4136



39.8849, 0.2277, 0.2762

Complementary

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



39.8849, 0.3648, 0.2996



63.1493, 0.2788, 0.3609

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.



39.8849, 0.2343, 0.3129



39.8849, 0.3648, 0.2996



39.8849, 0.3019, 0.3983

Square

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



39.8849, 0.3648, 0.2996



39.8849, 0.3864, 0.4020



39.8849, 0.2607, 0.3592



39.8849, 0.2413, 0.2568

Rectangle

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



39.8849, 0.3648, 0.2996



39.8849, 0.4060, 0.3604



39.8849, 0.2607, 0.3592



39.8849, 0.2276, 0.2867

Sweetspot

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



39.8868, 0.3648, 0.2996



83.7489, 0.3248, 0.3207



38.3459, 0.2930, 0.2397



17.4745, 0.3267, 0.3195



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.



39.8868, 0.3648, 0.2996



47.6306, 0.3798, 0.2937



42.7101, 0.3868, 0.3426



13.7755, 0.3240, 0.3212



9.5365, 0.5632, 0.2876



0.6772, 0.5197, 0.2636

Inverse Universe

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



39.8868, 0.3648, 0.2996



47.6306, 0.3798, 0.2937



58.5869, 0.2633, 0.3147



13.7755, 0.3240, 0.3212



9.5365, 0.5632, 0.2876



0.6772, 0.5197, 0.2636

Previews

White Background



This preview shows how the Yxy color 39.8849, 0.3648, 0.2996 looks on a white background.

Color Contrast Check

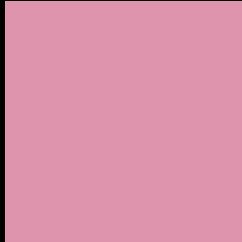
Large Text (above 18pt) WCAG AA × Fail

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 39.8849, 0.3648, 0.2996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

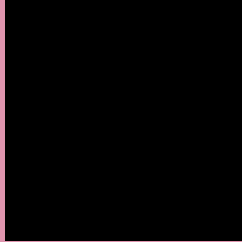
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.8849, 0.3648, 0.2996

Background



This preview shows how black text looks on a background with the Yxy color 39.8849, 0.3648, 0.2996.



This preview shows how white text looks on a background with the Yxy color 39.8849, 0.3648, 0.2996.

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

39.8849, 0.3648, 0.2996

Protanopia

40.2035, 0.2987, 0.3071

Deuteranopia

39.8923, 0.3282, 0.3211



Tritanopia

39.9155, 0.3758, 0.3160

Trichromacy



Original Color

39.8849, 0.3648, 0.2996

Protanomaly

39.5173, 0.3205, 0.3029

Deuteranomaly

39.5361, 0.3408, 0.3124

Tritanomaly

39.7411, 0.3719, 0.3101

Monochromacy



Original Color

39.8849, 0.3648, 0.2996

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.6444, 0.3302, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8849, 0.3648, 0.2996 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, 148, 173)` looks like.

```
.text, #text, p{  
    color:rgb(223, 148, 173)  
}
```

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, 148, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 148, 173) }
```

Border

The CSS property to change the border of an element to Yxy 39.8849, 0.3648, 0.2996 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, 148, 173) }
```

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

```
.border{ border-color:rgb(223, 148, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 148, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 148, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 148, 173);  
box-shadow:4px 4px 4px 4px rgb(223, 148,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8849, 0.3648, 0.2996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 148, 173) }
```

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

```
.background{ background-color: rgb(223,  
148, 173) }
```

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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