

Converting Colors

$Y_{xy}(39.9795, 0.3491, 0.2854)$

Have a look what the booklet for
Yxy(39.9795, 0.3491, 0.2854)
contains.

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Color

Yxy(39.8982, 0.3496, 0.2854)

Conversions

Conversions Part 1

Format	Color
Hex	DC94B9
RGB	220, 148, 185
RGB Percent	86%, 58%, 73%
CMY	0.1371, 0.4197, 0.2745
CMYK	0.00, 0.33, 0.16, 0.14
HSL	329°, 51%, 72%
HSV	329°, 33%, 86%
XYZ	48.8732, 39.8982, 51.0261
YIQ	173.7460, 31.0350, 26.7710

Conversions

Conversions Part 2

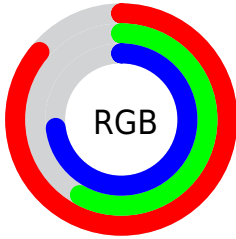
Format	Color
R _Y B	220, 148, 185
Decimal	14455993
CIE Lab	69.40, 32.48, -8.11
CIE LCh	69, 33.480, 345.977
Yxy	39.8982, 0.3496, 0.2854
Android (android.graphics.Color)	4292646073 (0xFFDC94B9)
YUV	173.7460, 5.5482, 40.5648
Hunter-Lab	63.1650, 27.5735, -3.6802

Details

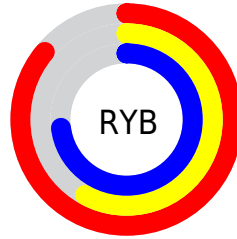
The Yxy color **39.8982, 0.3496, 0.2854** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **60.9262, 0.2872, 0.3774**, and the grayscale version is **42.1508, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.3227, 0.3250, 0.2912**, and **17.9242, 0.3605, 0.2731** is the 20% darker color. If you saturate the color by 10%, you get **33.2067, 0.3657, 0.2719**, and if you desaturate by 10%, it is **47.9395, 0.3360, 0.2992**.

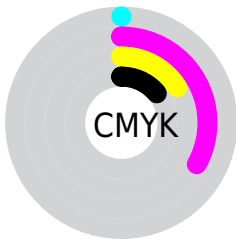
Distribution



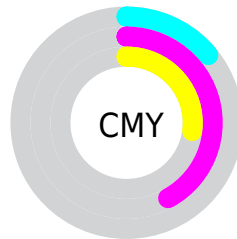
- Red (86%)
- Green (58%)
- Blue (73%)



- Red (86%)
- Yellow (58%)
- Blue (73%)



- Cyan (0%)
- Magenta (33%)
- Yellow (16%)
- Black (14%)




- Cyan (14%)
- Magenta (42%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.8982, 0.3496, 0.2854 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 39.8982, 0.3496, 0.2854 by changing the saturation by 10% instead.


 39.8982, 0.3496,
0.2854


 39.8982, 0.3496,
0.2854

345.6943, 0.3311,
0.3070

 27.4592, 0.3543,
0.2801


 75.0085, 0.3428,
0.2932

 17.9184, 0.3603,
0.2733


 98.4485, 0.3403,
0.2962

 10.8914, 0.3683,
0.2643


126.3244, 0.3382,
0.2987

 5.9939, 0.3795,
0.2519

159.0204, 0.3363,
0.3008

 2.8413, 0.3963,
0.2337

196.9210, 0.3348,
0.3027

 1.0495, 0.4242,
0.2047

240.4106, 0.3334,

 0.0000, 0.5960,


0.3043


0.0000


289.8736, 0.3321,
0.3057

 0.0000, 0.0000,
0.0000


 39.8982, 0.3496,
0.2854

 39.8982, 0.3496,
0.2854


 33.2067, 0.3657,
0.2719


 47.9395, 0.3360,
0.2992


 27.7841, 0.3843,
0.2595


 57.3944, 0.3245,
0.3127


 23.5495, 0.4053,
0.2493

 68.3294, 0.3150,
0.3256

 20.4100, 0.4282,
0.2425

 80.8051, 0.3072,
0.3377

 18.2591, 0.4521,
0.2403

 92.9461, 0.3007,
0.3459

■ 16.9681, 0.4758,
0.2435

■ 93.5957, 0.2949,
0.3348

■ 16.4166, 0.4925,
0.2487

■ 93.9633, 0.2918,
0.3289

Harmonies

Analogous

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



39.8982, 0.2993, 0.2604



39.8982, 0.3496, 0.2854



39.8982, 0.3918, 0.3206

Triad

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



39.8982, 0.3496, 0.2854



39.8982, 0.3670, 0.4166



39.8982, 0.2235, 0.2860

Complementary

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



39.8982, 0.3496, 0.2854



60.9262, 0.2872, 0.3774

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.



39.8982, 0.2385, 0.3302



39.8982, 0.3496, 0.2854



39.8982, 0.3199, 0.4122

Square

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



39.8982, 0.3496, 0.2854



39.8982, 0.4010, 0.3952



39.8982, 0.2730, 0.3789



39.8982, 0.2298, 0.2585

Rectangle

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



39.8982, 0.3496, 0.2854



39.8982, 0.4078, 0.3467



39.8982, 0.2730, 0.3789



39.8982, 0.2261, 0.2992

Sweetspot

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



39.9000, 0.3496, 0.2854



84.0227, 0.3218, 0.3162



36.3881, 0.2831, 0.2396



17.5406, 0.3232, 0.3143



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.



39.9000, 0.3496, 0.2854



49.3736, 0.3599, 0.2765



38.5728, 0.3871, 0.3278



13.1626, 0.3212, 0.3171



9.6525, 0.4892, 0.2468



0.6427, 0.4543, 0.2276

Inverse Universe

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



39.9000, 0.3496, 0.2854



49.3736, 0.3599, 0.2765



62.6127, 0.2669, 0.3304



13.1626, 0.3212, 0.3171



9.6525, 0.4892, 0.2468



0.6427, 0.4543, 0.2276

Previews

White Background



This preview shows how the Yxy color 39.8982, 0.3496, 0.2854 looks on a white background.

Color Contrast Check

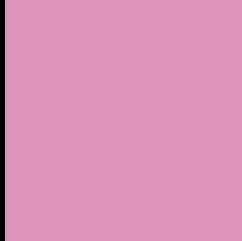
Large Text (above 18pt) WCAG AA × Fail

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 39.8982, 0.3496, 0.2854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

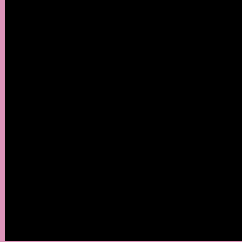
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.8982, 0.3496, 0.2854

Background



This preview shows how black text looks on a background with the Yxy color 39.8982, 0.3496, 0.2854.



This preview shows how white text looks on a background with the Yxy color 39.8982, 0.3496, 0.2854.

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

39.8982, 0.3496, 0.2854

Protanopia

39.9750, 0.2852, 0.2885

Deuteranopia

40.1114, 0.3129, 0.3064



Tritanopia

40.0062, 0.3691, 0.3158

Trichromacy



Original Color

39.8982, 0.3496, 0.2854

Protanomaly

39.5303, 0.3064, 0.2874

Deuteranomaly

39.8173, 0.3256, 0.2983

Tritanomaly

40.1336, 0.3621, 0.3051

Monochromacy



Original Color

39.8982, 0.3496, 0.2854

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.2010, 0.3256, 0.3122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8982, 0.3496, 0.2854 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(220, 148, 185)` looks like.

```
.text, #text, p{  
    color:rgb(220, 148, 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(220, 148, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 148, 185) }
```

Border

The CSS property to change the border of an element to Yxy 39.8982, 0.3496, 0.2854 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(220, 148, 185) }
```

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

```
.border{ border-color:rgb(220, 148, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 148, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 148, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 148, 185);  
box-shadow:4px 4px 4px 4px rgb(220, 148,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8982, 0.3496, 0.2854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 148, 185) }
```

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

```
.background{ background-color: rgb(220,  
148, 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](#).

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