

Converting Colors

$Y_{xy}(39.6110, 0.3595, 0.2992)$

Have a look what the booklet for
Yxy(39.6110, 0.3595, 0.2992)
contains.

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Color

Yxy(39.6110, 0.3595, 0.2992)

Conversions

Conversions Part 1

Format	Color
Hex	DB95AE
RGB	219, 149, 174
RGB Percent	86%, 58%, 68%
CMY	0.1413, 0.4156, 0.3176
CMYK	0.00, 0.32, 0.21, 0.14
HSL	339°, 49%, 72%
HSV	339°, 32%, 86%
XYZ	47.5941, 39.6110, 45.1846
YIQ	172.7800, 33.6950, 22.6150

Conversions

Conversions Part 2

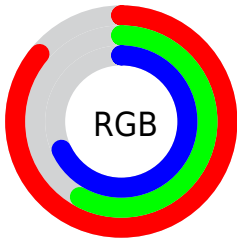
Format	Color
RYB	219, 149, 174
Decimal	14390702
CIELab	69.19, 29.84, -2.30
CIElCh	69, 29.930, 355.599
Yxy	39.6110, 0.3595, 0.2992
Android (android.graphics.Color)	4292580782 (0xFFDB95AE)
YUV	172.7800, 0.6015, 40.5349
Hunter-Lab	62.9373, 24.8441, 1.4900

Details

The Yxy color **39.6110, 0.3595, 0.2992** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.9322, 0.2813, 0.3612**, and the grayscale version is **41.6564, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.1029, 0.3337, 0.3039**, and **17.7411, 0.3737, 0.2896** is the 20% darker color. If you saturate the color by 10%, you get **32.8016, 0.3811, 0.2897**, and if you desaturate by 10%, it is **47.7842, 0.3416, 0.3089**.

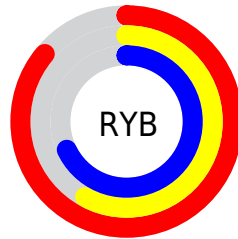
Distribution



Red (86%)

Green (58%)

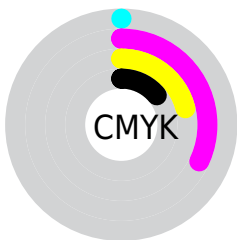
Blue (68%)



Red (86%)

Yellow (58%)

Blue (68%)

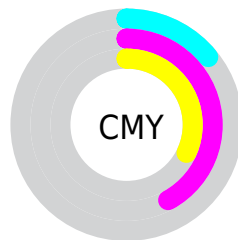


Cyan (0%)

Magenta (32%)

Yellow (21%)

Black (14%)



Cyan (14%)


Magenta (42%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.6110, 0.3595, 0.2992 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 39.6110, 0.3595, 0.2992 by changing the saturation by 10% instead.


 39.6110, 0.3595,
0.2992


 39.6110, 0.3595,
0.2992


344.4813, 0.3356,
0.3143

 27.2354, 0.3656,
0.2954


 74.5708, 0.3507,
0.3047

 17.7501, 0.3736,
0.2904


 97.9238, 0.3474,
0.3068

 10.7707, 0.3844,
0.2837


125.7046, 0.3447,
0.3085

 5.9129, 0.3998,
0.2743

158.2978, 0.3423,
0.3100

 2.7922, 0.4235,
0.2600

196.0876, 0.3403,
0.3113

 1.0242, 0.4644,
0.2358

239.4586, 0.3385,

 0.0000, 0.9107,

0.3124

0.0000

288.7950, 0.3370,
0.3134

0.0000, 0.0000,
0.0000

39.6110, 0.3595,
0.2992

39.6110, 0.3595,
0.2992

32.8016, 0.3811,
0.2897

47.7842, 0.3416,
0.3089

27.2755, 0.4065,
0.2810

57.3847, 0.3268,
0.3184

22.9523, 0.4358,
0.2743

68.4789, 0.3148,
0.3273

19.7401, 0.4681,
0.2706

81.1272, 0.3049,
0.3357

17.5337, 0.5017,
0.2713

93.1300, 0.2968,
0.3398

■ 16.2068, 0.5340,
0.2770

■ 93.7951, 0.2911,
0.3289

■ 15.6083, 0.5577,
0.2846

Harmonies

Analogous

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



39.6110, 0.3152, 0.2728



39.6110, 0.3595, 0.2992



39.6110, 0.3917, 0.3331

Triad

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



39.6110, 0.3595, 0.2992



39.6110, 0.3490, 0.4089



39.6110, 0.2317, 0.2808

Complementary

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



39.6110, 0.3595, 0.2992



60.9322, 0.2813, 0.3612

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.



39.6110, 0.2393, 0.3166



39.6110, 0.3595, 0.2992



39.6110, 0.3054, 0.3959

Square

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



39.6110, 0.3595, 0.2992



39.6110, 0.3844, 0.3969



39.6110, 0.2656, 0.3603



39.6110, 0.2436, 0.2612

Rectangle

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



39.6110, 0.3595, 0.2992



39.6110, 0.4007, 0.3569



39.6110, 0.2656, 0.3603



39.6110, 0.2321, 0.2912

Sweetspot

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



39.6128, 0.3595, 0.2992



83.7846, 0.3244, 0.3201



37.9939, 0.2932, 0.2443



17.4831, 0.3263, 0.3188



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.



39.6128, 0.3595, 0.2992



49.5853, 0.3728, 0.2931



41.7980, 0.3822, 0.3405



13.1280, 0.3236, 0.3207



9.2771, 0.5538, 0.2824



0.6171, 0.5085, 0.2575

Inverse Universe

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



39.6128, 0.3595, 0.2992



49.5853, 0.3728, 0.2931



57.4208, 0.2658, 0.3171



13.1280, 0.3236, 0.3207



9.2771, 0.5538, 0.2824



0.6171, 0.5085, 0.2575

Previews

White Background



This preview shows how the Yxy color 39.6110, 0.3595, 0.2992 looks on a white background.

Color Contrast Check

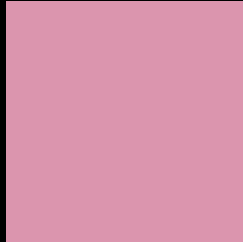
Large Text (above 18pt) WCAG AA × Fail

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 39.6110, 0.3595, 0.2992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

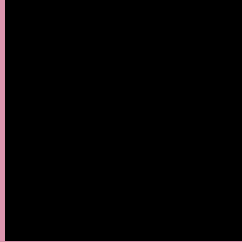
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6110, 0.3595, 0.2992

Background



This preview shows how black text looks on a background with the Yxy color 39.6110, 0.3595, 0.2992.



This preview shows how white text looks on a background with the Yxy color 39.6110, 0.3595, 0.2992.

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

39.6110, 0.3595, 0.2992

Protanopia

39.8753, 0.2979, 0.3044

Deuteranopia

39.8055, 0.3264, 0.3197



Tritanopia

39.6473, 0.3704, 0.3158

Trichromacy



Original Color

39.6110, 0.3595, 0.2992

Protanomaly

39.4319, 0.3187, 0.3015

Deuteranomaly

39.6451, 0.3377, 0.3123

Tritanomaly

39.4713, 0.3666, 0.3098

Monochromacy



Original Color

39.6110, 0.3595, 0.2992

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.5152, 0.3293, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6110, 0.3595, 0.2992 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(219, 149, 174)` looks like.

```
.text, #text, p{  
    color:rgb(219, 149, 174)  
}
```

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(219, 149, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 149, 174) }
```

Border

The CSS property to change the border of an element to Yxy 39.6110, 0.3595, 0.2992 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(219, 149, 174) }
```

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

```
.border{ border-color:rgb(219, 149, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 149, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 149, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 149, 174);  
box-shadow:4px 4px 4px 4px rgb(219, 149,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6110, 0.3595, 0.2992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 149, 174) }
```

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

```
.background{ background-color: rgb(219,  
149, 174) }
```

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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