

Converting Colors

$Yxy(39.8906, 0.3603, 0.3147)$

Have a look what the booklet for
Yxy(39.8906, 0.3603, 0.3147)
contains.

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Color

Yxy(39.8614, 0.3595, 0.3143)

Conversions

Conversions Part 1

Format	Color
Hex	D49AA6
RGB	212, 154, 166
RGB Percent	83%, 60%, 65%
CMY	0.1686, 0.3961, 0.3490
CMYK	0.00, 0.27, 0.22, 0.17
HSL	348°, 40%, 72%
HSV	348°, 27%, 83%
XYZ	45.5939, 39.8614, 41.3706
YIQ	172.7100, 30.7160, 16.0280

Conversions

Conversions Part 2

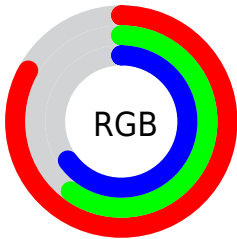
Format	Color
RYB	212, 154, 166
Decimal	13933222
CIELab	69.37, 23.43, 2.33
CIElCh	69, 23.544, 5.688
Yxy	39.8614, 0.3595, 0.3143
Android (android.graphics.Color)	4292123302 (0xFFD49AA6)
YUV	172.7100, -3.3080, 34.4573
Hunter-Lab	63.1359, 18.4170, 5.3446

Details

The Yxy color **39.8614, 0.3595, 0.3143** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.1356, 0.2802, 0.3444**, and the grayscale version is **41.6408, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.0814, 0.3390, 0.3169**, and **17.7856, 0.3739, 0.3093** is the 20% darker color. If you saturate the color by 10%, you get **32.8948, 0.3844, 0.3087**, and if you desaturate by 10%, it is **48.1484, 0.3392, 0.3199**.

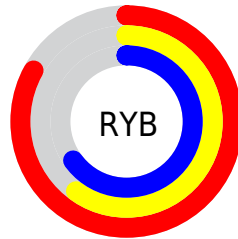
Distribution



Red (83%)

Green (60%)

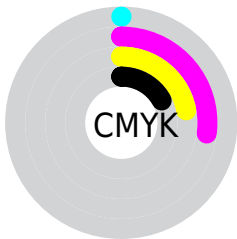
Blue (65%)



Red (83%)

Yellow (60%)

Blue (65%)

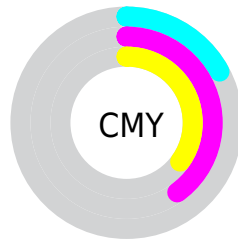


Cyan (0%)

Magenta (27%)

Yellow (22%)

Black (17%)



Cyan (17%)


Magenta (40%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.8614, 0.3595, 0.3143 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 39.8614, 0.3595, 0.3143 by changing the saturation by 10% instead.


 39.8614, 0.3595,
0.3143


 39.8614, 0.3595,
0.3143

345.5390, 0.3354,
0.3220

 27.4305, 0.3657,
0.3123


 74.9524, 0.3506,
0.3172

 17.8968, 0.3739,
0.3096


 98.3813, 0.3473,
0.3182

 10.8759, 0.3850,
0.3058


126.2450, 0.3445,
0.3191

 5.9835, 0.4009,
0.3004

158.9279, 0.3422,
0.3199

 2.8350, 0.4257,
0.2917

196.8143, 0.3401,
0.3205

 1.0462, 0.4694,
0.2758

240.2887, 0.3384,

 0.0000, 1.0000,

0.3211


0.0000

289.7355, 0.3368,
0.3216

 0.0000, 0.0000,
0.0000


 39.8614, 0.3595,
0.3143


 39.8614, 0.3595,
0.3143


 32.8948, 0.3844,
0.3087


 48.1484, 0.3392,
0.3199


 27.1749, 0.4144,
0.3035


 57.8133, 0.3228,
0.3253

 22.6292, 0.4495,
0.2994

 68.9172, 0.3095,
0.3303

 19.1755, 0.4890,
0.2973

 81.5157, 0.2987,
0.3349

 16.7209, 0.5301,
0.2981

 92.4262, 0.2898,
0.3340

■ 15.1569, 0.5689,
0.3025

■ 92.7396, 0.2872,
0.3289

■ 14.3369, 0.6004,
0.3101

■ 14.1806, 0.6075,
0.3120

Harmonies

Analogous

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



39.8614, 0.3270, 0.2903



39.8614, 0.3595, 0.3143



39.8614, 0.3792, 0.3427

Triad

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



39.8614, 0.3595, 0.3143



39.8614, 0.3306, 0.3898



39.8614, 0.2496, 0.2845

Complementary

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



39.8614, 0.3595, 0.3143



58.1356, 0.2802, 0.3444

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.



39.8614, 0.2505, 0.3093



39.8614, 0.3595, 0.3143



39.8614, 0.2960, 0.3730

Square

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



39.8614, 0.3595, 0.3143



39.8614, 0.3615, 0.3876



39.8614, 0.2671, 0.3423



39.8614, 0.2643, 0.2729

Rectangle

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



39.8614, 0.3595, 0.3143



39.8614, 0.3818, 0.3612



39.8614, 0.2671, 0.3423



39.8614, 0.2481, 0.2914

Sweetspot

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



39.8632, 0.3595, 0.3143



86.6694, 0.3238, 0.3249



40.0677, 0.3045, 0.2590



18.0486, 0.3262, 0.3241



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.



39.8632, 0.3595, 0.3143



53.9717, 0.3738, 0.3109



45.2458, 0.3664, 0.3494



12.4624, 0.3259, 0.3242



8.7646, 0.6044, 0.3103



0.5409, 0.5559, 0.2836

Inverse Universe

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



39.8632, 0.3595, 0.3143



53.9717, 0.3738, 0.3109



50.9138, 0.2710, 0.3076



12.4624, 0.3259, 0.3242



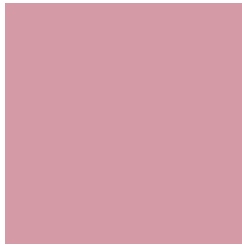
8.7646, 0.6044, 0.3103



0.5409, 0.5559, 0.2836

Previews

White Background



This preview shows how the Yxy color 39.8614, 0.3595, 0.3143 looks on a white background.

Color Contrast Check

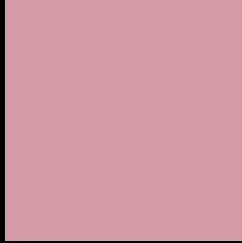
Large Text (above 18pt) WCAG AA × Fail

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 39.8614, 0.3595, 0.3143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

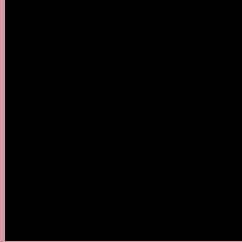
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.8614, 0.3595, 0.3143

Background



This preview shows how black text looks on a background with the Yxy color 39.8614, 0.3595, 0.3143.



This preview shows how white text looks on a background with the Yxy color 39.8614, 0.3595, 0.3143.

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

39.8614, 0.3595, 0.3143

Protanopia

40.1290, 0.3095, 0.3207

Deuteranopia

39.9226, 0.3356, 0.3291



Tritanopia

39.8614, 0.3595, 0.3143

Trichromacy



Original Color

39.8614, 0.3595, 0.3143

Protanomaly

39.9686, 0.3264, 0.3184

Deuteranomaly

39.7285, 0.3442, 0.3226

Tritanomaly

39.8614, 0.3595, 0.3143

Monochromacy



Original Color

39.8614, 0.3595, 0.3143

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.7395, 0.3289, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8614, 0.3595, 0.3143 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(212, 154, 166)` looks like.

```
.text, #text, p{  
    color:rgb(212, 154, 166)  
}
```

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(212, 154, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 154, 166) }
```

Border

The CSS property to change the border of an element to Yxy 39.8614, 0.3595, 0.3143 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(212, 154, 166) }
```

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

```
.border{ border-color:rgb(212, 154, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 154, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 154, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 154, 166);  
box-shadow:4px 4px 4px 4px rgb(212, 154,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8614, 0.3595, 0.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 154, 166) }
```

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

```
.background{ background-color: rgb(212,  
154, 166) }
```

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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