

Converting Colors

$Yxy(39.6767, 0.3595, 0.3155)$

Have a look what the booklet for
Yxy(39.6767, 0.3595, 0.3155)
contains.

Yxy(39.6767, 0.3595, 0.3155)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.6767, 0.3595, 0.3155)

Conversions

Conversions Part 1

Format	Color
Hex	D39AA5
RGB	211, 154, 165
RGB Percent	83%, 60%, 65%
CMY	0.1726, 0.3960, 0.3529
CMYK	0.00, 0.27, 0.22, 0.17
HSL	348°, 39%, 72%
HSV	348°, 27%, 83%
XYZ	45.2101, 39.6767, 40.8714
YIQ	172.2970, 30.4410, 15.5050

Conversions

Conversions Part 2

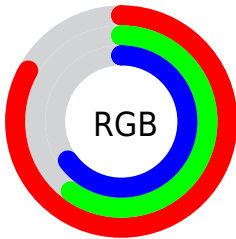
Format	Color
R _Y B	211, 154, 165
Decimal	13867685
CIE Lab	69.24, 22.90, 2.69
CIE LCh	69, 23.053, 6.703
Yxy	39.6767, 0.3595, 0.3155
Android (android.graphics.Color)	4292057765 (0xFFD39AA5)
YUV	172.2970, -3.5974, 33.9425
Hunter-Lab	62.9894, 17.8851, 5.6216

Details

The Yxy color **39.6767, 0.3595, 0.3155** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.6280, 0.2801, 0.3431**, and the grayscale version is **41.4211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.0282, 0.3397, 0.3179**, and **17.6636, 0.3739, 0.3108** is the 20% darker color. If you saturate the color by 10%, you get **32.7353, 0.3847, 0.3103**, and if you desaturate by 10%, it is **47.9286, 0.3390, 0.3207**.

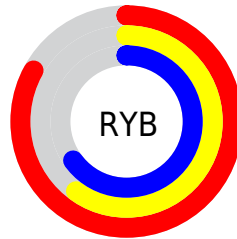
Distribution



Red (83%)

Green (60%)

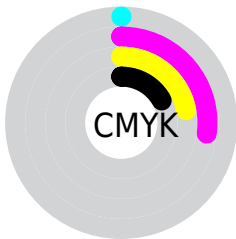
Blue (65%)



Red (83%)

Yellow (60%)

Blue (65%)

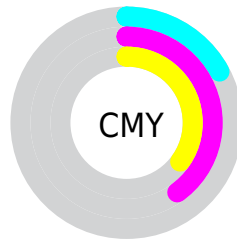


Cyan (0%)

Magenta (27%)

Yellow (22%)

Black (17%)



Cyan (17%)


Magenta (40%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6767, 0.3595, 0.3155 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 39.6767, 0.3595, 0.3155 by changing the saturation by 10% instead.


 39.6767, 0.3595,
0.3155


 39.6767, 0.3595,
0.3155

344.7590, 0.3354,
0.3226

 27.2866, 0.3658,
0.3136


 74.6710, 0.3506,
0.3182

 17.7886, 0.3739,
0.3111


 98.0439, 0.3473,
0.3192

 10.7983, 0.3851,
0.3076


125.8465, 0.3445,
0.3200

 5.9314, 0.4011,
0.3025

158.4632, 0.3421,
0.3207

 2.8034, 0.4261,
0.2942

196.2784, 0.3401,
0.3213

 1.0300, 0.4703,
0.2790

239.6765, 0.3383,

 0.0000, 1.0000,

0.3218

0.0000

289.0419, 0.3368,
0.3222

0.0000, 0.0000,
0.0000

39.6767, 0.3595,
0.3155

39.6767, 0.3595,
0.3155

32.7353, 0.3847,
0.3103

47.9286, 0.3390,
0.3207

27.0314, 0.4150,
0.3055

57.5478, 0.3224,
0.3257

22.4936, 0.4508,
0.3017

68.5946, 0.3090,
0.3304

19.0407, 0.4908,
0.2997

81.1242, 0.2981,
0.3346

16.5811, 0.5325,
0.3005

92.2799, 0.2891,
0.3339

■ 15.0080, 0.5717,
0.3047

■ 92.5884, 0.2866,
0.3289

■ 14.1809, 0.6032,
0.3120

■ 14.0063, 0.6112,
0.3140

Harmonies

Analogous

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



39.6767, 0.3279, 0.2917



39.6767, 0.3595, 0.3155



39.6767, 0.3782, 0.3434

Triad

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



39.6767, 0.3595, 0.3155



39.6767, 0.3291, 0.3883



39.6767, 0.2510, 0.2847

Complementary

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



39.6767, 0.3595, 0.3155



57.6280, 0.2801, 0.3431

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.



39.6767, 0.2514, 0.3088



39.6767, 0.3595, 0.3155



39.6767, 0.2953, 0.3712

Square

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



39.6767, 0.3595, 0.3155



39.6767, 0.3597, 0.3869



39.6767, 0.2671, 0.3409



39.6767, 0.2660, 0.2738

Rectangle

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



39.6767, 0.3595, 0.3155



39.6767, 0.3803, 0.3615



39.6767, 0.2671, 0.3409



39.6767, 0.2494, 0.2914

Sweetspot

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



39.6785, 0.3595, 0.3155



86.6524, 0.3240, 0.3252



40.0408, 0.3055, 0.2601



18.0443, 0.3264, 0.3244



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.



39.6785, 0.3595, 0.3155



54.9809, 0.3723, 0.3127



45.3469, 0.3652, 0.3503



11.8450, 0.3261, 0.3245



8.4646, 0.6079, 0.3122



0.4846, 0.5574, 0.2844

Inverse Universe

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



39.6785, 0.3595, 0.3155



54.9809, 0.3723, 0.3127



50.1127, 0.2714, 0.3066



11.8450, 0.3261, 0.3245



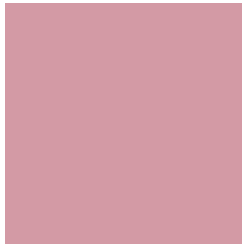
8.4646, 0.6079, 0.3122



0.4846, 0.5574, 0.2844

Previews

White Background



This preview shows how the Yxy color 39.6767, 0.3595, 0.3155 looks on a white background.

Color Contrast Check

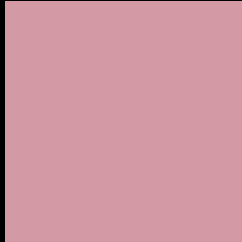
Large Text (above 18pt) WCAG AA × Fail

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 39.6767, 0.3595, 0.3155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

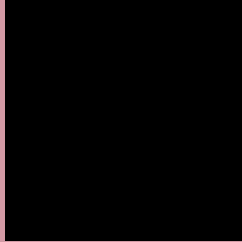
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6767, 0.3595, 0.3155

Background



This preview shows how black text looks on a background with the Yxy color 39.6767, 0.3595, 0.3155.



This preview shows how white text looks on a background with the Yxy color 39.6767, 0.3595, 0.3155.

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

39.6767, 0.3595, 0.3155

Protanopia

39.6803, 0.3112, 0.3221

Deuteranopia

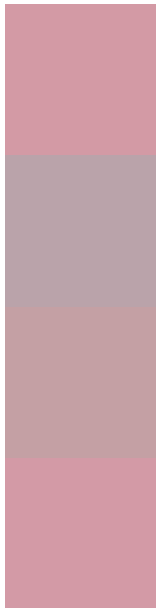
39.8866, 0.3365, 0.3304



Tritanopia

39.7133, 0.3585, 0.3143

Trichromacy



Original Color

39.6767, 0.3595, 0.3155

Protanomaly

39.5358, 0.3283, 0.3197

Deuteranomaly

39.5577, 0.3442, 0.3239

Tritanomaly

39.7133, 0.3585, 0.3143

Monochromacy



Original Color

39.6767, 0.3595, 0.3155

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.2139, 0.3290, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6767, 0.3595, 0.3155 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(211, 154, 165)` looks like.

```
.text, #text, p{  
    color:rgb(211, 154, 165)  
}
```

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(211, 154, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 154, 165) }
```

Border

The CSS property to change the border of an element to Yxy 39.6767, 0.3595, 0.3155 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(211, 154, 165) }
```

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

```
.border{ border-color:rgb(211, 154, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 154, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 154, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 154, 165);  
box-shadow:4px 4px 4px 4px rgb(211, 154,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6767, 0.3595, 0.3155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 154, 165) }
```

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

```
.background{ background-color: rgb(211,  
154, 165) }
```

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