

Converting Colors

$Yxy(39.8765, 0.3697, 0.3242)$

Have a look what the booklet for
Yxy(39.8765, 0.3697, 0.3242)
contains.

Yxy(39.8760, 0.3696, 0.3242)	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(39.8760, 0.3696, 0.3242)

Conversions

Conversions Part 1

Format	Color
Hex	D69A9E
RGB	214, 154, 158
RGB Percent	84%, 60%, 62%
CMY	0.1608, 0.3961, 0.3803
CMYK	0.00, 0.28, 0.26, 0.16
HSL	356°, 42%, 72%
HSV	356°, 28%, 84%
XYZ	45.4601, 39.8760, 37.6620
YIQ	172.3960, 34.4760, 13.9640

Conversions

Conversions Part 2

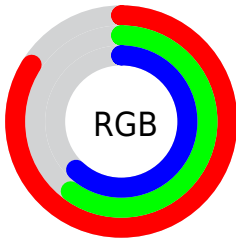
Format	Color
RYB	214, 154, 158
Decimal	14064286
CIELab	69.38, 23.00, 6.82
CIELCh	69, 23.988, 16.508
Yxy	39.8760, 0.3696, 0.3242
Android (android.graphics.Color)	4292254366 (0xFFD69A9E)
YUV	172.3960, -7.0972, 36.4867
Hunter-Lab	63.1474, 17.9949, 8.8418

Details

The Yxy color **39.8760, 0.3696, 0.3242** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.6138, 0.2745, 0.3340**, and the grayscale version is **41.4914, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.6650, 0.3449, 0.3250**, and **17.8334, 0.3871, 0.3210** is the 20% darker color. If you saturate the color by 10%, you get **32.7995, 0.3997, 0.3225**, and if you desaturate by 10%, it is **48.3271, 0.3452, 0.3260**.

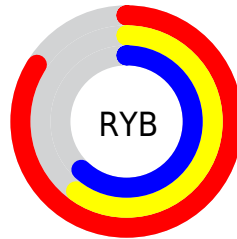
Distribution



Red (84%)

Green (60%)

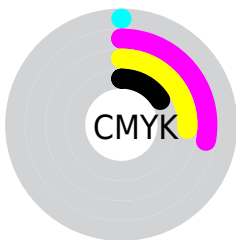
Blue (62%)



Red (84%)

Yellow (60%)

Blue (62%)

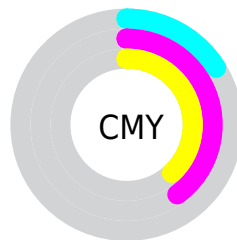


Cyan (0%)

Magenta (28%)

Yellow (26%)

Black (16%)



Cyan (16%)


Magenta (40%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.8760, 0.3696, 0.3242 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 39.8760, 0.3696, 0.3242 by changing the saturation by 10% instead.


 39.8760, 0.3696,
0.3242


 39.8760, 0.3696,
0.3242


345.6007, 0.3402,
0.3271

 27.4419, 0.3772,
0.3233


 74.9747, 0.3587,
0.3254

 17.9054, 0.3873,
0.3220


 98.4080, 0.3547,
0.3258

 10.8821, 0.4009,
0.3201


126.2765, 0.3513,
0.3261

 5.9876, 0.4205,
0.3170

158.9646, 0.3484,
0.3264

 2.8375, 0.4510,
0.3114

196.8566, 0.3459,
0.3266

 1.0475, 0.5091,
0.3022

240.3371, 0.3438,

 0.0000, 1.0000,

0.3268

0.0000

289.7903, 0.3419,
0.3270

0.0000, 0.0000,
0.0000

39.8760, 0.3696,
0.3242

39.8760, 0.3696,
0.3242

32.7995, 0.3997,
0.3225

48.3271, 0.3452,
0.3260

27.0197, 0.4361,
0.3210

58.2142, 0.3256,
0.3277

22.4596, 0.4784,
0.3200

69.6017, 0.3099,
0.3293

19.0317, 0.5244,
0.3198

82.5485, 0.2973,
0.3308

16.6369, 0.5694,
0.3209

93.0357, 0.2883,
0.3289

■ 15.1587, 0.6067,
0.3233

■ 14.4316, 0.6307,
0.3264

■ 14.3284, 0.6340,
0.3266

Harmonies

Analogous

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



39.8760, 0.3401, 0.2976



39.8760, 0.3696, 0.3242



39.8760, 0.3830, 0.3533

Triad

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



39.8760, 0.3696, 0.3242



39.8760, 0.3181, 0.3870



39.8760, 0.2521, 0.2777

Complementary

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



39.8760, 0.3696, 0.3242



59.6138, 0.2745, 0.3340

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.



39.8760, 0.2472, 0.2985



39.8760, 0.3696, 0.3242



39.8760, 0.2840, 0.3636

Square

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



39.8760, 0.3696, 0.3242



39.8760, 0.3520, 0.3917



39.8760, 0.2584, 0.3300



39.8760, 0.2724, 0.2712

Rectangle

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



39.8760, 0.3696, 0.3242



39.8760, 0.3807, 0.3709



39.8760, 0.2584, 0.3300



39.8760, 0.2487, 0.2831

Sweetspot

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



39.8779, 0.3696, 0.3242



86.5022, 0.3257, 0.3277



41.5223, 0.3114, 0.2587



18.0068, 0.3284, 0.3274



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.



39.8779, 0.3696, 0.3242



52.4368, 0.3879, 0.3231



48.8696, 0.3655, 0.3595



12.4342, 0.3281, 0.3275



8.6664, 0.6323, 0.3257



0.5276, 0.6092, 0.3130

Inverse Universe

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



39.8779, 0.3696, 0.3242



52.4368, 0.3879, 0.3231



48.1205, 0.2689, 0.2963



12.4342, 0.3281, 0.3275



8.6664, 0.6323, 0.3257



0.5276, 0.6092, 0.3130

Previews

White Background



This preview shows how the Yxy color 39.8760, 0.3696, 0.3242 looks on a white background.

Color Contrast Check

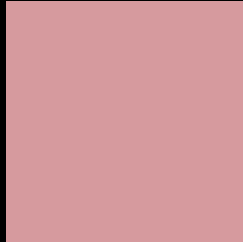
Large Text (above 18pt) WCAG AA × Fail

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 39.8760, 0.3696, 0.3242 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 39.8760, 0.3696, 0.3242

Background



This preview shows how black text looks on a background with the Yxy color 39.8760, 0.3696, 0.3242.



This preview shows how white text looks on a background with the Yxy color 39.8760, 0.3696, 0.3242.

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

39.8760, 0.3696, 0.3242

Protanopia

40.1278, 0.3199, 0.3332

Deuteranopia

40.0276, 0.3460, 0.3397



Tritanopia

39.9462, 0.3638, 0.3145

Trichromacy



Original Color

39.8760, 0.3696, 0.3242

Protanomaly

40.0141, 0.3375, 0.3304

Deuteranomaly

39.7180, 0.3539, 0.3330

Tritanomaly

39.8382, 0.3668, 0.3181

Monochromacy



Original Color

39.8760, 0.3696, 0.3242

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.2651, 0.3317, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8760, 0.3696, 0.3242 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(214, 154, 158)` looks like.

```
.text, #text, p{  
    color:rgb(214, 154, 158)  
}
```

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(214, 154, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 154, 158) }
```

Border

The CSS property to change the border of an element to Yxy 39.8760, 0.3696, 0.3242 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(214, 154, 158) }
```

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

```
.border{ border-color:rgb(214, 154, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 154, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 154, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 154, 158);  
box-shadow:4px 4px 4px 4px rgb(214, 154,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8760, 0.3696, 0.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 154, 158) }
```

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

```
.background{ background-color: rgb(214,  
154, 158) }
```

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