

# Converting Colors

$Yxy(36.7439, 0.3390, 0.3289)$

Have a look what the booklet for  
Yxy(36.7439, 0.3390, 0.3289)  
contains.

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# Color

**Yxy(36.7386, 0.3396, 0.3291)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B89D9D
RGB	184, 157, 157
RGB Percent	72%, 62%, 62%
CMY	0.2784, 0.3843, 0.3844
CMYK	0.00, 0.15, 0.15, 0.28
HSL	0°, 16%, 67%
HSV	0°, 15%, 72%
XYZ	37.9108, 36.7386, 36.9842
YIQ	165.0730, 16.0920, 5.7240

# Conversions

## Conversions Part 2

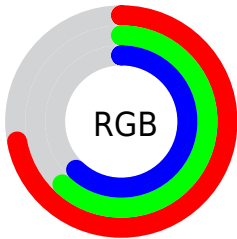
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 157, 157
Decimal	12098973
CIELab	67.08, 9.95, 3.70
CIELCh	67, 10.613, 20.385
Yxy	36.7386, 0.3396, 0.3291
Android (android.graphics.Color)	4290289053 (0xFFB89D9D)
YUV	165.0730, -3.9800, 16.5990
Hunter-Lab	60.6124, 5.5734, 6.2513

# Details

The Yxy color **36.7386, 0.3396, 0.3291** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.9064, 0.2907, 0.3289**, and the grayscale version is **37.6782, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.3657, 0.3337, 0.3291**, and **16.1740, 0.3483, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **30.3970, 0.3636, 0.3292**, and if you desaturate by 10%, it is **44.1147, 0.3204, 0.3290**.

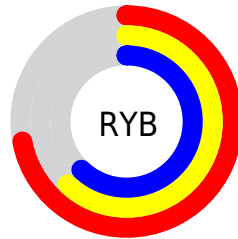
# Distribution



Red (72%)

Green (62%)

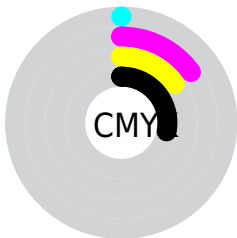
Blue (62%)



Red (72%)

Yellow (62%)

Blue (62%)

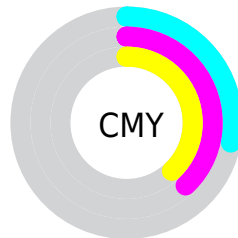


Cyan (0%)

Magenta (15%)

Yellow (15%)

Black (28%)



Cyan (28%)

Magenta (38%)


Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 36.7386, 0.3396, 0.3291 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 36.7386, 0.3396, 0.3291 by changing the saturation by 10% instead.





 36.7386, 0.3396,  
0.3291

 36.7386, 0.3396,  
0.3291


332.1774, 0.3256,  
0.3292

 25.0052, 0.3433,  
0.3290


 70.1706, 0.3343,  
0.3292

 16.0809, 0.3482,  
0.3289


 92.6379, 0.3324,  
0.3292

 9.5814, 0.3550,  
0.3287


119.4520, 0.3308,  
0.3292

 5.1223, 0.3650,  
0.3283

150.9972, 0.3294,  
0.3292

 2.3192, 0.3810,  
0.3274

187.6579, 0.3283,  
0.3292

 0.7838, 0.4195,  
0.3300

229.8186, 0.3272,


 0.0000, 0.0000,


0.3292


0.0000

277.8637, 0.3263,  
0.3292

 36.7386, 0.3396,  
0.3291


 36.7386, 0.3396,  
0.3291


 30.3970, 0.3636,  
0.3292


 44.1147, 0.3204,  
0.3290


 25.0390, 0.3934,  
0.3293


 52.5634, 0.3050,  
0.3290

 20.6169, 0.4297,  
0.3294

 62.1270, 0.2926,  
0.3289

 17.0769, 0.4723,  
0.3296

 72.8439, 0.2826,  
0.3289

 14.3601, 0.5193,  
0.3297

 84.7508, 0.2744,  
0.3288

■ 12.4000, 0.5660,  
0.3298

■ 88.9318, 0.2721,  
0.3289

■ 11.1201, 0.6054,  
0.3299

■ 10.4278, 0.6307,  
0.3300

■ 10.1943, 0.6400,  
0.3300

# Harmonies

## Analogous

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



36.7386, 0.3273, 0.3159



36.7386, 0.3396, 0.3291



36.7386, 0.3445, 0.3427

# Triad

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



36.7386, 0.3396, 0.3291



36.7386, 0.3135, 0.3535



36.7386, 0.2853, 0.3047

# Complementary

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



36.7386, 0.3396, 0.3291



44.9064, 0.2907, 0.3289

# 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.



36.7386, 0.2819, 0.3141



36.7386, 0.3396, 0.3291



36.7386, 0.2980, 0.3426

# Square

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



36.7386, 0.3396, 0.3291



36.7386, 0.3292, 0.3573



36.7386, 0.2865, 0.3280



36.7386, 0.2960, 0.3019



# Rectangle

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



36.7386, 0.3396, 0.3291



36.7386, 0.3429, 0.3502



36.7386, 0.2865, 0.3280



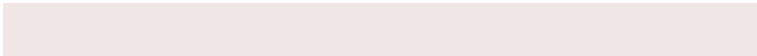
36.7386, 0.2833, 0.3072

# Sweetspot

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



36.7402, 0.3396, 0.3291



80.8517, 0.3193, 0.3290



37.7618, 0.3144, 0.2933



17.1974, 0.3206, 0.3290



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.7402, 0.3396, 0.3291



62.2263, 0.3477, 0.3291



41.5622, 0.3369, 0.3473



9.0131, 0.3288, 0.3291



7.0253, 0.6400, 0.3300



0.2480, 0.6398, 0.3302



# Inverse Universe

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



44.9064, 0.2907, 0.3289



80.2112, 0.2856, 0.3289



39.5644, 0.2901, 0.3100



10.2097, 0.2985, 0.3289



25.9782, 0.2246, 0.3286

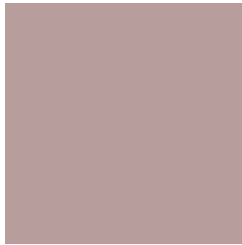


0.9161, 0.2246, 0.3286



# Previews

## White Background



This preview shows how the Yxy color 36.7386, 0.3396, 0.3291 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

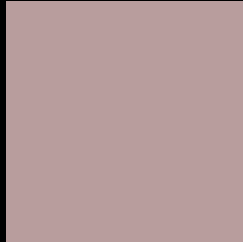
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 36.7386, 0.3396, 0.3291 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

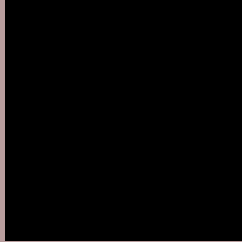
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 36.7386, 0.3396, 0.3291**

## Background



This preview shows how black text looks on a background with the Yxy color 36.7386, 0.3396, 0.3291.



This preview shows how white text looks on a background with the Yxy color 36.7386, 0.3396, 0.3291.

# 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

36.7386, 0.3396, 0.3291

### Protanopia

36.9479, 0.3192, 0.3333

### Deuteranopia

36.8331, 0.3374, 0.3305



## Tritanopia

36.5470, 0.3313, 0.3128

# Trichromacy



## Original Color

36.7386, 0.3396, 0.3291

## Protanomaly

36.8772, 0.3261, 0.3319

## Deuteranomaly

36.9553, 0.3384, 0.3304

## Tritanomaly

36.7356, 0.3350, 0.3196

# Monochromacy



## Original Color

36.7386, 0.3396, 0.3291

## Achromatopsia

37.6262, 0.3127, 0.3290

## Achromatomaly

37.2200, 0.3223, 0.3290

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 36.7386, 0.3396, 0.3291 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(184, 157, 157)` looks like.

```
.text, #text, p{  
    color:rgb(184, 157, 157)  
}
```

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(184, 157, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 157, 157) }
```

## Border

The CSS property to change the border of an element to Yxy 36.7386, 0.3396, 0.3291 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(184, 157, 157) }
```

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

```
.border{ border-color:rgb(184, 157, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 157, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 157, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 157, 157);  
box-shadow:4px 4px 4px 4px rgb(184, 157,  
157) }
```



# Background

The CSS property to change the background color of an element to Yxy 36.7386, 0.3396, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 157, 157) }
```

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

```
.background{ background-color: rgb(184,  
157, 157) }
```

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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