

# Converting Colors

$Yxy(36.6320, 0.3353, 0.3036)$

Have a look what the booklet for  
Yxy(36.6320, 0.3353, 0.3036)  
contains.

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# Color

**Yxy(36.7342, 0.3359, 0.3041)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C198AB
RGB	193, 152, 171
RGB Percent	76%, 60%, 67%
CMY	0.2431, 0.4039, 0.3294
CMYK	0.00, 0.21, 0.11, 0.24
HSL	332°, 25%, 68%
HSV	332°, 21%, 76%
XYZ	40.5755, 36.7342, 43.4867
YIQ	166.4250, 18.3370, 14.6010

# Conversions

## Conversions Part 2

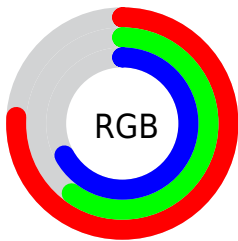
Format	Color
R <sub>Y</sub> B	193, 152, 171
Decimal	12687531
CIE Lab	67.08, 18.39, -4.05
CIE LCh	67, 18.832, 347.582
Yxy	36.7342, 0.3359, 0.3041
Android (android.graphics.Color)	4290877611 (0xFFC198AB)
YUV	166.4250, 2.2555, 23.3063
Hunter-Lab	60.6087, 13.4345, -0.1144

# Details

The Yxy color **36.7342, 0.3359, 0.3041** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.8789, 0.2944, 0.3554**, and the grayscale version is **38.3336, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.9576, 0.3319, 0.3086**, and **16.1282, 0.3428, 0.2968** is the 20% darker color. If you saturate the color by 10%, you get **30.5926, 0.3504, 0.2917**, and if you desaturate by 10%, it is **43.9296, 0.3238, 0.3162**.

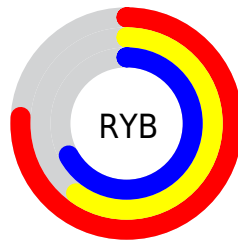
# Distribution



Red (76%)

Green (60%)

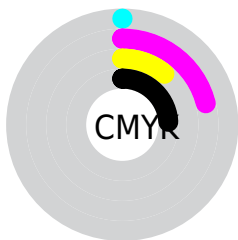
Blue (67%)



Red (76%)

Yellow (60%)

Blue (67%)

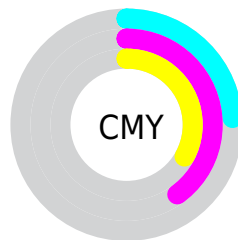


Cyan (0%)

Magenta (21%)

Yellow (11%)

Black (24%)



Cyan (24%)

Magenta (40%)


Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 36.7342, 0.3359, 0.3041 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 36.7342, 0.3359, 0.3041 by changing the saturation by 10% instead.





 36.7342, 0.3359,  
0.3041


 36.7342, 0.3359,  
0.3041


332.1583, 0.3240,  
0.3168

 25.0018, 0.3390,  
0.3008


 70.1638, 0.3315,  
0.3088

 16.0784, 0.3431,  
0.2966


 92.6297, 0.3298,  
0.3105

 9.5796, 0.3486,  
0.2908

119.4423, 0.3285,  
0.3120

 5.1211, 0.3566,  
0.2826

150.9859, 0.3273,  
0.3132

 2.3185, 0.3691,  
0.2699

187.6449, 0.3263,  
0.3143

 0.7835, 0.3921,  
0.2468

229.8037, 0.3254,

 0.0000, 1.0000,

0.3153

0.0000

277.8467, 0.3246,  
0.3161

0.0000, 0.0000,  
0.0000

36.7342, 0.3359,  
0.3041

36.7342, 0.3359,  
0.3041

30.5926, 0.3504,  
0.2917

43.9296, 0.3238,  
0.3162

25.4498, 0.3676,  
0.2795

52.2204, 0.3138,  
0.3276

21.2535, 0.3878,  
0.2681


61.6521, 0.3056,  
0.3383

17.9444, 0.4108,  
0.2586

72.2660, 0.2988,  
0.3482

15.4566, 0.4361,  
0.2522

84.1015, 0.2932,  
0.3573

 13.7147, 0.4629,  
0.2500


 88.7506, 0.2879,  
0.3526

 12.6292, 0.4895,  
0.2531

 89.3603, 0.2826,  
0.3412

 12.0693, 0.5120,  
0.2594

 90.0053, 0.2774,  
0.3301

 90.0798, 0.2768,  
0.3289

# Harmonies

## Analogous

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



36.7342, 0.3070, 0.2881



36.7342, 0.3359, 0.3041



36.7342, 0.3591, 0.3263

# Triad

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



36.7342, 0.3359, 0.3041



36.7342, 0.3439, 0.3796



36.7342, 0.2592, 0.3039

# Complementary

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



36.7342, 0.3359, 0.3041



47.8789, 0.2944, 0.3554

# 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.



36.7342, 0.2681, 0.3291



36.7342, 0.3359, 0.3041



36.7342, 0.3163, 0.3748

# Square

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



36.7342, 0.3359, 0.3041



36.7342, 0.3636, 0.3698



36.7342, 0.2887, 0.3558



36.7342, 0.2637, 0.2871



# Rectangle

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



36.7342, 0.3359, 0.3041



36.7342, 0.3677, 0.3423



36.7342, 0.2887, 0.3558



36.7342, 0.2607, 0.3116

# Sweetspot

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



36.7358, 0.3359, 0.3041



86.0706, 0.3184, 0.3222



35.2905, 0.2972, 0.2739



18.2563, 0.3191, 0.3214



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290



# Same Dimension

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



36.7358, 0.3359, 0.3041



59.8813, 0.3430, 0.2977



36.5083, 0.3546, 0.3310



10.1539, 0.3218, 0.3184



8.0417, 0.5090, 0.2577



0.3614, 0.4563, 0.2287



# Inverse Universe

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



36.7358, 0.3359, 0.3041



59.8813, 0.3430, 0.2977



48.0721, 0.2813, 0.3271



10.1539, 0.3218, 0.3184



8.0417, 0.5090, 0.2577

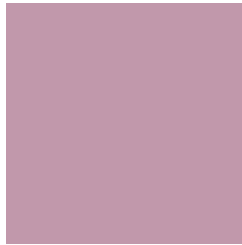


0.3614, 0.4563, 0.2287



# Previews

## White Background



This preview shows how the Yxy color 36.7342, 0.3359, 0.3041 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

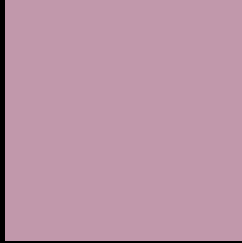
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 36.7342, 0.3359, 0.3041 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

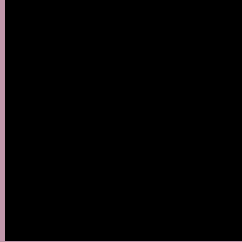
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 36.7342, 0.3359, 0.3041**

## Background



This preview shows how black text looks on a background with the Yxy color 36.7342, 0.3359, 0.3041.



This preview shows how white text looks on a background with the Yxy color 36.7342, 0.3359, 0.3041.

# 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

36.7342, 0.3359, 0.3041

### Protanopia

36.6964, 0.2999, 0.3077

### Deuteranopia

36.9287, 0.3192, 0.3138



## Tritanopia

36.7055, 0.3406, 0.3132

# Trichromacy



## Original Color

36.7342, 0.3359, 0.3041

## Protanomaly

36.4331, 0.3119, 0.3055

## Deuteranomaly

36.6243, 0.3254, 0.3100

## Tritanomaly

36.7790, 0.3386, 0.3106

# Monochromacy



## Original Color

36.7342, 0.3359, 0.3041

## Achromatopsia

38.1326, 0.3127, 0.3290

## Achromatomaly

37.5470, 0.3208, 0.3194

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 36.7342, 0.3359, 0.3041 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(193, 152, 171)` looks like.

```
.text, #text, p{  
    color:rgb(193, 152, 171)  
}
```

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(193, 152, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 152, 171) }
```

## Border

The CSS property to change the border of an element to Yxy 36.7342, 0.3359, 0.3041 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(193, 152, 171) }
```

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

```
.border{ border-color:rgb(193, 152, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 152, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 152, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 152, 171);  
box-shadow:4px 4px 4px 4px rgb(193, 152,  
171) }
```



# Background

The CSS property to change the background color of an element to Yxy 36.7342, 0.3359, 0.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 152, 171) }
```

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

```
.background{ background-color: rgb(193,  
152, 171) }
```

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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