

Converting Colors

$Yxy(37.0654, 0.3461, 0.3084)$

Have a look what the booklet for
Yxy(37.0654, 0.3461, 0.3084)
contains.

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Color

Yxy(37.0654, 0.3461, 0.3084)

Conversions

Conversions Part 1

Format	Color
Hex	C797A7
RGB	199, 151, 167
RGB Percent	78%, 59%, 65%
CMY	0.2196, 0.4078, 0.3451
CMYK	0.00, 0.24, 0.16, 0.22
HSL	340°, 30%, 69%
HSV	340°, 24%, 78%
XYZ	41.5964, 37.0654, 41.5243
YIQ	167.1760, 23.4720, 15.1520

Conversions

Conversions Part 2

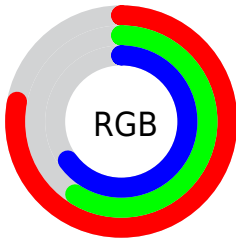
Format	Color
R _Y B	199, 151, 167
Decimal	13080487
CIE Lab	67.33, 20.45, -1.37
CIE LCh	67, 20.496, 356.165
Yxy	37.0654, 0.3461, 0.3084
Android (android.graphics.Color)	4291270567 (0xFFC797A7)
YUV	167.1760, -0.0868, 27.9096
Hunter-Lab	60.8814, 15.4155, 2.1780

Details

The Yxy color **37.0654, 0.3461, 0.3084** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.8481, 0.2878, 0.3507**, and the grayscale version is **38.7269, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.1966, 0.3388, 0.3119**, and **16.2814, 0.3561, 0.3027** is the 20% darker color. If you saturate the color by 10%, you get **30.7273, 0.3653, 0.2994**, and if you desaturate by 10%, it is **44.5384, 0.3303, 0.3173**.

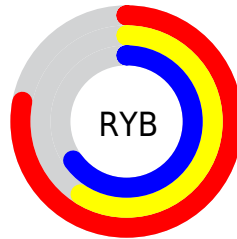
Distribution



Red (78%)

Green (59%)

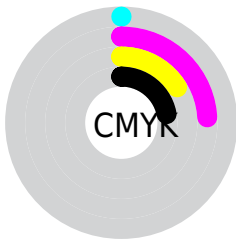
Blue (65%)



Red (78%)

Yellow (59%)

Blue (65%)

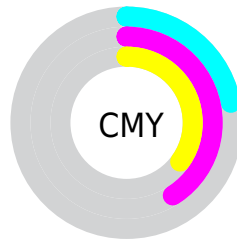


Cyan (0%)

Magenta (24%)

Yellow (16%)

Black (22%)



Cyan (22%)


Magenta (41%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.0654, 0.3461, 0.3084 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 37.0654, 0.3461, 0.3084 by changing the saturation by 10% instead.


 37.0654, 0.3461,
0.3084


 37.0654, 0.3461,
0.3084


333.5936, 0.3288,
0.3190

 25.2581, 0.3506,
0.3056


 70.6734, 0.3397,
0.3123

 16.2695, 0.3566,
0.3020


 93.2428, 0.3373,
0.3138

 9.7150, 0.3647,
0.2971


120.1685, 0.3353,
0.3150

 5.2104, 0.3765,
0.2900

151.8348, 0.3336,
0.3161

 2.3713, 0.3952,
0.2789

188.6260, 0.3322,
0.3170

 0.8110, 0.4294,
0.2586

230.9266, 0.3309,

 0.0000, 1.0000,

0.3177

0.0000

279.1210, 0.3298,
0.3184

0.0000, 0.0000,
0.0000

37.0654, 0.3461,
0.3084

37.0654, 0.3461,
0.3084

30.7273, 0.3653,
0.2994

44.5384, 0.3303,
0.3173

25.4632, 0.3884,
0.2906

53.1931, 0.3173,
0.3257

21.2144, 0.4156,
0.2829

63.0798, 0.3068,
0.3335

17.9141, 0.4467,
0.2772

74.2445, 0.2981,
0.3408

15.4878, 0.4806,
0.2747

86.7307, 0.2910,
0.3474

■ 13.8494, 0.5153,
0.2766

■ 90.3536, 0.2843,
0.3378

■ 12.8951, 0.5478,
0.2834

■ 90.8829, 0.2800,
0.3289

■ 12.5405, 0.5653,
0.2888

Harmonies

Analogous

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



37.0654, 0.3155, 0.2889



37.0654, 0.3461, 0.3084



37.0654, 0.3680, 0.3333

Triad

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



37.0654, 0.3461, 0.3084



37.0654, 0.3384, 0.3843



37.0654, 0.2548, 0.2953

Complementary

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



37.0654, 0.3461, 0.3084



50.8481, 0.2878, 0.3507

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.



37.0654, 0.2602, 0.3206



37.0654, 0.3461, 0.3084



37.0654, 0.3076, 0.3744

Square

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



37.0654, 0.3461, 0.3084



37.0654, 0.3630, 0.3776



37.0654, 0.2792, 0.3502



37.0654, 0.2637, 0.2807

Rectangle

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



37.0654, 0.3461, 0.3084



37.0654, 0.3741, 0.3504



37.0654, 0.2792, 0.3502



37.0654, 0.2550, 0.3028

Sweetspot

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



37.0671, 0.3461, 0.3084



88.3925, 0.3209, 0.3232



36.2277, 0.2998, 0.2667



18.7163, 0.3217, 0.3227



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.



37.0671, 0.3461, 0.3084



58.7701, 0.3558, 0.3036



38.9003, 0.3603, 0.3385



10.6943, 0.3238, 0.3213



8.0779, 0.5617, 0.2868



0.3960, 0.5022, 0.2540

Inverse Universe

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



37.0671, 0.3461, 0.3084



58.7701, 0.3558, 0.3036



48.3172, 0.2767, 0.3192



10.6943, 0.3238, 0.3213



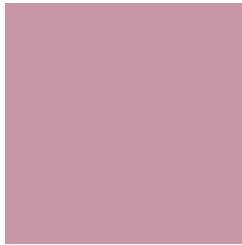
8.0779, 0.5617, 0.2868



0.3960, 0.5022, 0.2540

Previews

White Background



This preview shows how the Yxy color 37.0654, 0.3461, 0.3084 looks on a white background.

Color Contrast Check

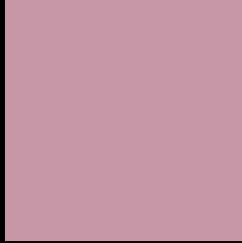
Large Text (above 18pt) WCAG AA × Fail

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 37.0654, 0.3461, 0.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

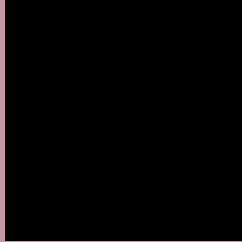
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.0654, 0.3461, 0.3084

Background



This preview shows how black text looks on a background with the Yxy color 37.0654, 0.3461, 0.3084.



This preview shows how white text looks on a background with the Yxy color 37.0654, 0.3461, 0.3084.

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

37.0654, 0.3461, 0.3084

Protanopia

37.1429, 0.3042, 0.3134

Deuteranopia

37.1332, 0.3258, 0.3194



Tritanopia

37.2429, 0.3499, 0.3148

Trichromacy



Original Color

37.0654, 0.3461, 0.3084

Protanomaly

37.0837, 0.3193, 0.3125

Deuteranomaly

36.9692, 0.3331, 0.3156

Tritanomaly

37.2789, 0.3489, 0.3136

Monochromacy



Original Color

37.0654, 0.3461, 0.3084

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.8635, 0.3246, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0654, 0.3461, 0.3084 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(199, 151, 167)` looks like.

```
.text, #text, p{  
    color:rgb(199, 151, 167)  
}
```

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(199, 151, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 151, 167) }
```

Border

The CSS property to change the border of an element to Yxy 37.0654, 0.3461, 0.3084 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(199, 151, 167) }
```

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

```
.border{ border-color:rgb(199, 151, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 151, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 151, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 151, 167); box-shadow:4px 4px 4px 4px rgb(199, 151, 167) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0654, 0.3461, 0.3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 151, 167) }
```

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

```
.background{ background-color: rgb(199,  
151, 167) }
```

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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