

Converting Colors

$Yxy(36.8877, 0.3690, 0.3219)$

Have a look what the booklet for
Yxy(36.8877, 0.3690, 0.3219)
contains.

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Color

Yxy(36.7783, 0.3685, 0.3215)

Conversions

Conversions Part 1

Format	Color
Hex	CF949A
RGB	207, 148, 154
RGB Percent	81%, 58%, 60%
CMY	0.1883, 0.4196, 0.3960
CMYK	0.00, 0.28, 0.26, 0.19
HSL	354°, 38%, 70%
HSV	354°, 28%, 81%
XYZ	42.1549, 36.7783, 35.4627
YIQ	166.3250, 33.2380, 14.3740

Conversions

Conversions Part 2

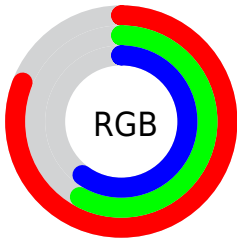
Format	Color
R _Y B	207, 148, 154
Decimal	13603994
CIE Lab	67.11, 23.07, 5.69
CIE LCh	67, 23.762, 13.851
Yxy	36.7783, 0.3685, 0.3215
Android (android.graphics.Color)	4291794074 (0xFFCF949A)
YUV	166.3250, -6.0762, 35.6720
Hunter-Lab	60.6451, 17.9478, 7.7812

Details

The Yxy color **36.7783, 0.3685, 0.3215** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.1331, 0.2753, 0.3368**, and the grayscale version is **38.3182, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0551, 0.3500, 0.3230**, and **16.1080, 0.3858, 0.3189** is the 20% darker color. If you saturate the color by 10%, you get **30.2842, 0.3976, 0.3188**, and if you desaturate by 10%, it is **44.5328, 0.3449, 0.3242**.

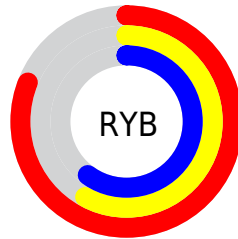
Distribution



Red (81%)

Green (58%)

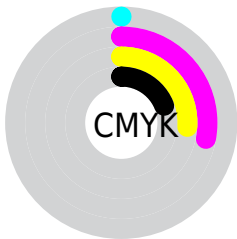
Blue (60%)



Red (81%)

Yellow (58%)

Blue (60%)

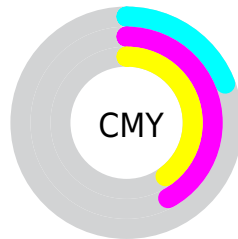


Cyan (0%)

Magenta (28%)

Yellow (26%)

Black (19%)



Cyan (19%)

Magenta (42%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7783, 0.3685, 0.3215 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 36.7783, 0.3685, 0.3215 by changing the saturation by 10% instead.


 36.7783, 0.3685,
0.3215


 36.7783, 0.3685,
0.3215

332.3497, 0.3393,
0.3258

 25.0359, 0.3762,
0.3202


 70.2317, 0.3576,
0.3232

 16.1038, 0.3864,
0.3184


 92.7114, 0.3536,
0.3238

 9.5976, 0.4004,
0.3159


119.5391, 0.3502,
0.3243

 5.1330, 0.4209,
0.3117

151.0990, 0.3474,
0.3247

 2.3255, 0.4536,
0.3044

187.7757, 0.3449,
0.3251

 0.7872, 0.5297,
0.2970

229.9534, 0.3428,

 0.0000, 1.0000,

0.3253

0.0000

278.0166, 0.3410,
0.3256

0.0000, 0.0000,
0.0000

36.7783, 0.3685,
0.3215

36.7783, 0.3685,
0.3215

30.2842, 0.3976,
0.3188

44.5328, 0.3449,
0.3242

24.9791, 0.4326,
0.3164

53.6040, 0.3259,
0.3269

20.7923, 0.4734,
0.3148

64.0508, 0.3106,
0.3294

17.6435, 0.5180,
0.3144

75.9274, 0.2983,
0.3316

15.4419, 0.5623,
0.3158

89.2849, 0.2884,
0.3337

■ 14.0806, 0.6001,
0.3191

■ 92.0041, 0.2844,
0.3289

■ 13.3974, 0.6262,
0.3236

■ 13.3188, 0.6292,
0.3240

Harmonies

Analogous

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



36.7783, 0.3374, 0.2949



36.7783, 0.3685, 0.3215



36.7783, 0.3839, 0.3511

Triad

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



36.7783, 0.3685, 0.3215



36.7783, 0.3214, 0.3893



36.7783, 0.2500, 0.2781

Complementary

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



36.7783, 0.3685, 0.3215



55.1331, 0.2753, 0.3368

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.



36.7783, 0.2464, 0.3004



36.7783, 0.3685, 0.3215



36.7783, 0.2863, 0.3670

Square

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



36.7783, 0.3685, 0.3215



36.7783, 0.3554, 0.3923



36.7783, 0.2593, 0.3331



36.7783, 0.2693, 0.2702

Rectangle

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



36.7783, 0.3685, 0.3215



36.7783, 0.3827, 0.3693



36.7783, 0.2593, 0.3331



36.7783, 0.2470, 0.2840

Sweetspot

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



36.7800, 0.3685, 0.3215



84.9646, 0.3269, 0.3267



37.9807, 0.3096, 0.2573



17.7027, 0.3295, 0.3264



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.



36.7800, 0.3685, 0.3215



52.5568, 0.3850, 0.3199



44.3837, 0.3671, 0.3575



11.8276, 0.3275, 0.3267



8.3989, 0.6272, 0.3229



0.4765, 0.5925, 0.3038

Inverse Universe

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



36.7800, 0.3685, 0.3215



52.5568, 0.3850, 0.3199



45.2401, 0.2685, 0.2985



11.8276, 0.3275, 0.3267



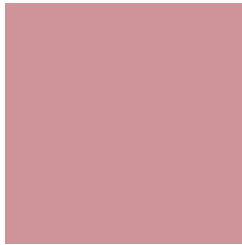
8.3989, 0.6272, 0.3229



0.4765, 0.5925, 0.3038

Previews

White Background



This preview shows how the Yxy color 36.7783, 0.3685, 0.3215 looks on a white background.

Color Contrast Check

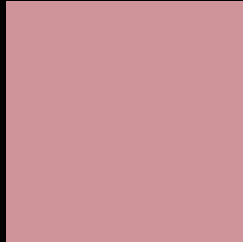
Large Text (above 18pt) WCAG AA × Fail

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 36.7783, 0.3685, 0.3215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

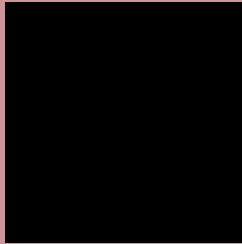
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7783, 0.3685, 0.3215

Background



This preview shows how black text looks on a background with the Yxy color 36.7783, 0.3685, 0.3215.



This preview shows how white text looks on a background with the Yxy color 36.7783, 0.3685, 0.3215.

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

36.7783, 0.3685, 0.3215

Protanopia

37.0185, 0.3174, 0.3304

Deuteranopia

36.9111, 0.3442, 0.3373



Tritanopia

36.6360, 0.3635, 0.3139

Trichromacy



Original Color

36.7783, 0.3685, 0.3215

Protanomaly

36.9020, 0.3355, 0.3277

Deuteranomaly

36.6176, 0.3524, 0.3305

Tritanomaly

36.5672, 0.3657, 0.3165

Monochromacy



Original Color

36.7783, 0.3685, 0.3215

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.2287, 0.3315, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7783, 0.3685, 0.3215 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(207, 148, 154)` looks like.

```
.text, #text, p{  
  color:rgb(207, 148, 154)  
}
```

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(207, 148, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 148, 154) }
```

Border

The CSS property to change the border of an element to Yxy 36.7783, 0.3685, 0.3215 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(207, 148, 154) }
```

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

```
.border{ border-color:rgb(207, 148, 154) }
```

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

Here you see how a box with a 4 pixel rgb(207, 148, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 148, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 148, 154);  
box-shadow:4px 4px 4px 4px rgb(207, 148,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7783, 0.3685, 0.3215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 148, 154) }
```

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

```
.background{ background-color: rgb(207,  
148, 154) }
```

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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