

Converting Colors

Yxy(36.9000, 0.3499, 0.3173)

Have a look what the booklet for
Yxy(36.9000, 0.3499, 0.3173)
contains.

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Color

Yxy(36.9000, 0.3499, 0.3173)

Conversions

Conversions Part 1

Format	Color
Hex	C598A1
RGB	197, 152, 161
RGB Percent	77%, 60%, 63%
CMY	0.2274, 0.4039, 0.3686
CMYK	0.00, 0.23, 0.18, 0.23
HSL	348°, 28%, 68%
HSV	348°, 23%, 77%
XYZ	40.6912, 36.9000, 38.7026
YIQ	166.4810, 23.9310, 12.3390

Conversions

Conversions Part 2

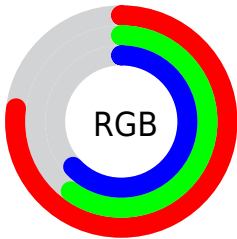
Format	Color
RYB	197, 152, 161
Decimal	12949665
CIELab	67.20, 18.21, 1.78
CIElCh	67, 18.298, 5.575
Yxy	36.9000, 0.3499, 0.3173
Android (android.graphics.Color)	4291139745 (0xFFC598A1)
YUV	166.4810, -2.7021, 26.7652
Hunter-Lab	60.7454, 13.2664, 4.7465

Details

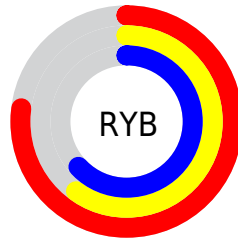
The Yxy color **36.9000, 0.3499, 0.3173** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.2455, 0.2851, 0.3411**, and the grayscale version is **38.3845, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.1713, 0.3424, 0.3189**, and **16.2728, 0.3617, 0.3131** is the 20% darker color. If you saturate the color by 10%, you get **30.5076, 0.3726, 0.3119**, and if you desaturate by 10%, it is **44.4280, 0.3314, 0.3226**.

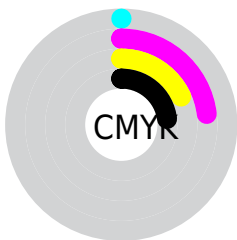
Distribution



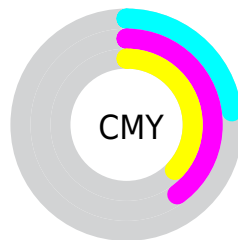
- Red (77%)
- Green (60%)
- Blue (63%)



- Red (77%)
- Yellow (60%)
- Blue (63%)



- Cyan (0%)
- Magenta (23%)
- Yellow (18%)
- Black (23%)




- Cyan (23%)
- Magenta (40%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9000, 0.3499, 0.3173 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 36.9000, 0.3499, 0.3173 by changing the saturation by 10% instead.


 36.9000, 0.3499,
0.3173

 36.9000, 0.3499,
0.3173


332.8774, 0.3305,
0.3235

 25.1301, 0.3550,
0.3156

 70.4190, 0.3427,
0.3196

 16.1740, 0.3617,
0.3134


 92.9368, 0.3400,
0.3205

 9.6474, 0.3710,
0.3104


119.8060, 0.3378,
0.3212

 5.1658, 0.3845,
0.3058

151.4111, 0.3359,
0.3218

 2.3449, 0.4062,
0.2983

188.1364, 0.3343,
0.3223

 0.7973, 0.4491,
0.2850

230.3662, 0.3329,

 0.0000, 1.0000,

0.3228

0.0000

278.4851, 0.3316,
0.3231

0.0000, 0.0000,
0.0000

36.9000, 0.3499,
0.3173

36.9000, 0.3499,
0.3173

30.5076, 0.3726,
0.3119

44.4280, 0.3314,
0.3226

25.1907, 0.4003,
0.3066

53.1379, 0.3164,
0.3276

20.8915, 0.4332,
0.3021

63.0794, 0.3043,
0.3323

17.5444, 0.4710,
0.2991

74.2979, 0.2945,
0.3365

15.0763, 0.5119,
0.2985

86.8366, 0.2864,
0.3404

■ 13.4035, 0.5524,
0.3011

■ 90.6124, 0.2789,
0.3289

■ 12.4255, 0.5879,
0.3072

■ 12.0220, 0.6083,
0.3125

Harmonies

Analogous

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



36.9000, 0.3242, 0.2977



36.9000, 0.3499, 0.3173



36.9000, 0.3655, 0.3404

Triad

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



36.9000, 0.3499, 0.3173



36.9000, 0.3274, 0.3770



36.9000, 0.2618, 0.2936

Complementary

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



36.9000, 0.3499, 0.3173



50.2455, 0.2851, 0.3411

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.



36.9000, 0.2627, 0.3138



36.9000, 0.3499, 0.3173



36.9000, 0.2997, 0.3637

Square

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



36.9000, 0.3499, 0.3173



36.9000, 0.3519, 0.3758



36.9000, 0.2762, 0.3398



36.9000, 0.2738, 0.2838

Rectangle

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



36.9000, 0.3499, 0.3173



36.9000, 0.3677, 0.3552



36.9000, 0.2762, 0.3398



36.9000, 0.2606, 0.2994

Sweetspot

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



36.9017, 0.3499, 0.3173



88.2498, 0.3224, 0.3255



37.0853, 0.3062, 0.2712



18.6833, 0.3233, 0.3252



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.



36.9017, 0.3499, 0.3173



60.6085, 0.3597, 0.3148



40.9603, 0.3555, 0.3458



10.6711, 0.3259, 0.3244



7.9158, 0.6054, 0.3109



0.3854, 0.5474, 0.2789

Inverse Universe

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



36.9017, 0.3499, 0.3173



60.6085, 0.3597, 0.3148



45.0963, 0.2779, 0.3116



10.6711, 0.3259, 0.3244



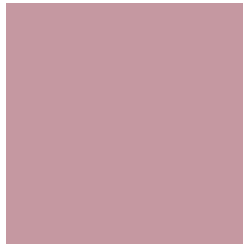
7.9158, 0.6054, 0.3109



0.3854, 0.5474, 0.2789

Previews

White Background



This preview shows how the Yxy color 36.9000, 0.3499, 0.3173 looks on a white background.

Color Contrast Check

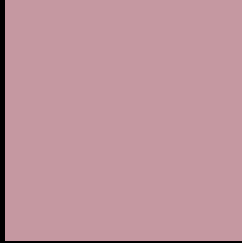
Large Text (above 18pt) WCAG AA × Fail

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 36.9000, 0.3499, 0.3173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

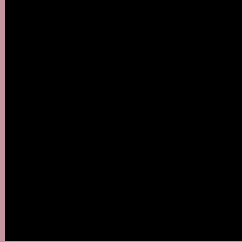
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.9000, 0.3499, 0.3173

Background



This preview shows how black text looks on a background with the Yxy color 36.9000, 0.3499, 0.3173.



This preview shows how white text looks on a background with the Yxy color 36.9000, 0.3499, 0.3173.

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

36.9000, 0.3499, 0.3173

Protanopia

37.0914, 0.3120, 0.3233

Deuteranopia

36.8155, 0.3335, 0.3263



Tritanopia

36.9711, 0.3479, 0.3147

Trichromacy



Original Color

36.9000, 0.3499, 0.3173

Protanomaly

36.8600, 0.3247, 0.3207

Deuteranomaly

36.8798, 0.3399, 0.3237

Tritanomaly

36.9354, 0.3489, 0.3160

Monochromacy



Original Color

36.9000, 0.3499, 0.3173

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.5172, 0.3254, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9000, 0.3499, 0.3173 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(197, 152, 161)` looks like.

```
.text, #text, p{  
    color:rgb(197, 152, 161)  
}
```

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(197, 152, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 152, 161) }
```

Border

The CSS property to change the border of an element to Yxy 36.9000, 0.3499, 0.3173 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(197, 152, 161) }
```

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

```
.border{ border-color:rgb(197, 152, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 152, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 152, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 152, 161);  
box-shadow:4px 4px 4px 4px rgb(197, 152,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9000, 0.3499, 0.3173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 152, 161) }
```

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

```
.background{ background-color: rgb(197,  
152, 161) }
```

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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