

Converting Colors

Yxy(36.9463, 0.3481, 0.3210)

Have a look what the booklet for
Yxy(36.9463, 0.3481, 0.3210)
contains.

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Color

Yxy(36.7899, 0.3476, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	C299A0
RGB	194, 153, 160
RGB Percent	76%, 60%, 63%
CMY	0.2392, 0.4000, 0.3724
CMYK	0.00, 0.21, 0.18, 0.24
HSL	350°, 25%, 68%
HSV	350°, 21%, 76%
XYZ	39.9880, 36.7899, 38.2624
YIQ	166.0570, 22.1890, 10.8690

Conversions

Conversions Part 2

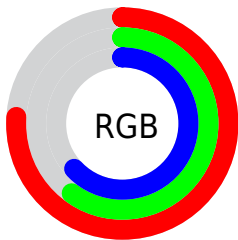
Format	Color
RYB	194, 153, 160
Decimal	12753312
CIELab	67.12, 16.38, 2.17
CIELCh	67, 16.529, 7.558
Yxy	36.7899, 0.3476, 0.3198
Android (android.graphics.Color)	4290943392 (0xFFC299A0)
YUV	166.0570, -2.9861, 24.5060
Hunter-Lab	60.6547, 11.5346, 5.0567

Details

The Yxy color **36.7899, 0.3476, 0.3198** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.9473, 0.2863, 0.3385**, and the grayscale version is **38.1707, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.0412, 0.3407, 0.3209**, and **16.1823, 0.3584, 0.3165** is the 20% darker color. If you saturate the color by 10%, you get **30.4218, 0.3704, 0.3152**, and if you desaturate by 10%, it is **44.2666, 0.3291, 0.3243**.

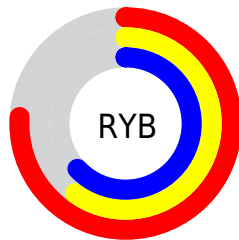
Distribution



Red (76%)

Green (60%)

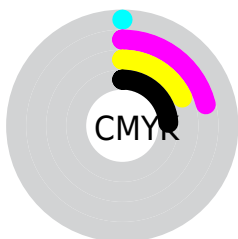
Blue (63%)



Red (76%)

Yellow (60%)

Blue (63%)

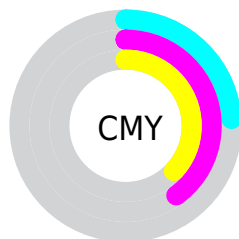


Cyan (0%)

Magenta (21%)

Yellow (18%)

Black (24%)



Cyan (24%)


Magenta (40%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7899, 0.3476, 0.3198 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 36.7899, 0.3476, 0.3198 by changing the saturation by 10% instead.


 36.7899, 0.3476,
0.3198


 36.7899, 0.3476,
0.3198


332.4000, 0.3294,
0.3247

 25.0449, 0.3524,
0.3185


 70.2495, 0.3408,
0.3217

 16.1105, 0.3587,
0.3167


 92.7329, 0.3383,
0.3223

 9.6024, 0.3675,
0.3142


119.5645, 0.3362,
0.3229

 5.1361, 0.3802,
0.3105

151.1288, 0.3344,
0.3234

 2.3274, 0.4007,
0.3043

187.8101, 0.3329,
0.3238

 0.7881, 0.4429,
0.2938

229.9928, 0.3316,

 0.0000, 1.0000,

0.3241

0.0000

278.0613, 0.3304,
0.3244

0.0000, 0.0000,
0.0000

36.7899, 0.3476,
0.3198

36.7899, 0.3476,
0.3198

30.4218, 0.3704,
0.3152

44.2666, 0.3291,
0.3243

25.1048, 0.3982,
0.3107

52.8961, 0.3142,
0.3285

20.7836, 0.4315,
0.3067

62.7260, 0.3022,
0.3324

17.3958, 0.4699,
0.3040

73.8001, 0.2924,
0.3360

14.8723, 0.5118,
0.3033

86.1596, 0.2844,
0.3393

■ 13.1338, 0.5536,
0.3053

■ 90.2106, 0.2773,
0.3289

■ 12.0867, 0.5903,
0.3105

■ 11.5818, 0.6153,
0.3163

Harmonies

Analogous

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



36.7899, 0.3248, 0.3015



36.7899, 0.3476, 0.3198



36.7899, 0.3609, 0.3409

Triad

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



36.7899, 0.3476, 0.3198



36.7899, 0.3245, 0.3719



36.7899, 0.2669, 0.2962

Complementary

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



36.7899, 0.3476, 0.3198



48.9473, 0.2863, 0.3385

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.



36.7899, 0.2669, 0.3140



36.7899, 0.3476, 0.3198



36.7899, 0.2994, 0.3590

Square

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



36.7899, 0.3476, 0.3198



36.7899, 0.3470, 0.3718



36.7899, 0.2786, 0.3373



36.7899, 0.2786, 0.2878

Rectangle

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



36.7899, 0.3476, 0.3198



36.7899, 0.3622, 0.3542



36.7899, 0.2786, 0.3373



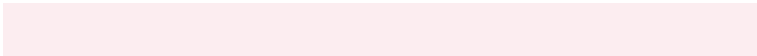
36.7899, 0.2655, 0.3012

Sweetspot

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



36.7916, 0.3476, 0.3198



87.8088, 0.3212, 0.3265



37.1782, 0.3081, 0.2760



19.0018, 0.3222, 0.3262



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.



36.7916, 0.3476, 0.3198



61.4973, 0.3567, 0.3178



41.0376, 0.3512, 0.3462



10.1054, 0.3263, 0.3251



7.6223, 0.6126, 0.3148



0.3383, 0.5550, 0.2831

Inverse Universe

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



36.7916, 0.3476, 0.3198



61.4973, 0.3567, 0.3178



43.7247, 0.2804, 0.3111



10.1054, 0.3263, 0.3251



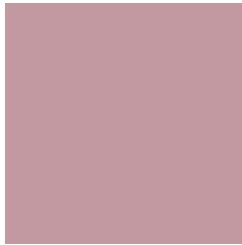
7.6223, 0.6126, 0.3148



0.3383, 0.5550, 0.2831

Previews

White Background



This preview shows how the Yxy color 36.7899, 0.3476, 0.3198 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 36.7899, 0.3476, 0.3198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

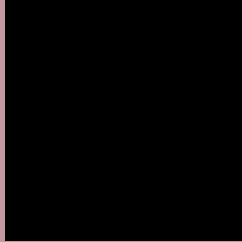
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7899, 0.3476, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 36.7899, 0.3476, 0.3198.



This preview shows how white text looks on a background with the Yxy color 36.7899, 0.3476, 0.3198.

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

36.7899, 0.3476, 0.3198

Protanopia

37.0546, 0.3129, 0.3247

Deuteranopia

36.7807, 0.3345, 0.3277



Tritanopia

36.7389, 0.3448, 0.3133

Trichromacy



Original Color

36.7899, 0.3476, 0.3198

Protanomaly

36.7067, 0.3247, 0.3221

Deuteranomaly

36.7192, 0.3398, 0.3250

Tritanomaly

36.7029, 0.3458, 0.3146

Monochromacy



Original Color

36.7899, 0.3476, 0.3198

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.4002, 0.3244, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7899, 0.3476, 0.3198 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(194, 153, 160)` looks like.

```
.text, #text, p{  
    color:rgb(194, 153, 160)  
}
```

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(194, 153, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 153, 160) }
```

Border

The CSS property to change the border of an element to Yxy 36.7899, 0.3476, 0.3198 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(194, 153, 160) }
```

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

```
.border{ border-color:rgb(194, 153, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 153, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 153, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 153, 160);  
box-shadow:4px 4px 4px 4px rgb(194, 153,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7899, 0.3476, 0.3198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 153, 160) }
```

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

```
.background{ background-color: rgb(194,  
153, 160) }
```

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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