

Converting Colors

$Yxy(36.6830, 0.3433, 0.3045)$

Have a look what the booklet for
Yxy(36.6830, 0.3433, 0.3045)
contains.

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Color

Yxy(36.6830, 0.3433, 0.3045)

Conversions

Conversions Part 1

Format	Color
Hex	C696A9
RGB	198, 150, 169
RGB Percent	78%, 59%, 66%
CMY	0.2235, 0.4118, 0.3373
CMYK	0.00, 0.24, 0.15, 0.22
HSL	336°, 30%, 68%
HSV	336°, 24%, 78%
XYZ	41.3572, 36.6830, 42.4294
YIQ	166.5180, 22.5090, 16.0850

Conversions

Conversions Part 2

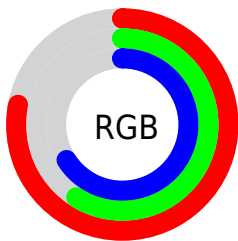
Format	Color
R _{YB}	198, 150, 169
Decimal	13014697
CIE Lab	67.04, 20.96, -2.91
CIE LCh	67, 21.162, 352.088
Yxy	36.6830, 0.3433, 0.3045
Android (android.graphics.Color)	4291204777 (0xFFC696A9)
YUV	166.5180, 1.2236, 27.6097
Hunter-Lab	60.5665, 15.8956, 0.8614

Details

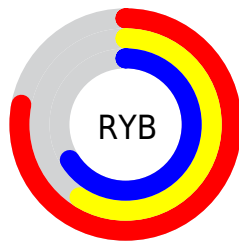
The Yxy color **36.6830, 0.3433, 0.3045** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.1329, 0.2897, 0.3550**, and the grayscale version is **38.3837, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.8275, 0.3374, 0.3088**, and **16.0477, 0.3520, 0.2973** is the 20% darker color. If you saturate the color by 10%, you get **30.4609, 0.3607, 0.2938**, and if you desaturate by 10%, it is **44.0174, 0.3289, 0.3150**.

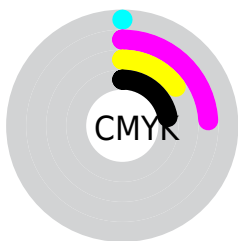
Distribution



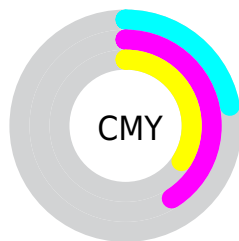
- Red (78%)
- Green (59%)
- Blue (66%)



- Red (78%)
- Yellow (59%)
- Blue (66%)



- Cyan (0%)
- Magenta (24%)
- Yellow (15%)
- Black (22%)





- Cyan (22%)
- Magenta (41%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6830, 0.3433, 0.3045 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 36.6830, 0.3433, 0.3045 by changing the saturation by 10% instead.


 36.6830, 0.3433,
0.3045


 36.6830, 0.3433,
0.3045


331.9360, 0.3275,
0.3171

 24.9621, 0.3474,
0.3013


 70.0850, 0.3374,
0.3091

 16.0489, 0.3528,
0.2970


 92.5349, 0.3353,
0.3109

 9.5587, 0.3602,
0.2913


119.3299, 0.3334,
0.3123

 5.1074, 0.3710,
0.2831

150.8545, 0.3319,
0.3135

 2.3104, 0.3879,
0.2703

187.4930, 0.3306,
0.3146

 0.7792, 0.4190,
0.2469


229.6298, 0.3294,


 0.0000, 1.0000,


0.3155


0.0000


277.6494, 0.3284,
0.3163


 0.0000, 0.0000,
0.0000


 36.6830, 0.3433,
0.3045


 36.6830, 0.3433,
0.3045


 30.4609, 0.3607,
0.2938


 44.0174, 0.3289,
0.3150


 25.2913, 0.3814,
0.2835


 52.5100, 0.3171,
0.3250


 21.1165, 0.4057,
0.2742

 62.2103, 0.3074,
0.3343

 17.8710, 0.4333,
0.2671

 73.1632, 0.2994,
0.3429

 15.4815, 0.4635,
0.2634

 85.4115, 0.2928,
0.3508

■ 13.8635, 0.4946,
0.2642

■ 89.8669, 0.2867,
0.3440

■ 12.9145, 0.5245,
0.2703

■ 90.6053, 0.2806,
0.3312

■ 12.5615, 0.5409,
0.2753

■ 90.7472, 0.2794,
0.3289

Harmonies

Analogous

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



36.6830, 0.3111, 0.2855



36.6830, 0.3433, 0.3045



36.6830, 0.3678, 0.3298

Triad

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



36.6830, 0.3433, 0.3045



36.6830, 0.3433, 0.3863



36.6830, 0.2527, 0.2970

Complementary

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



36.6830, 0.3433, 0.3045



50.1329, 0.2897, 0.3550

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.



36.6830, 0.2603, 0.3243



36.6830, 0.3433, 0.3045



36.6830, 0.3117, 0.3785

Square

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



36.6830, 0.3433, 0.3045



36.6830, 0.3673, 0.3772



36.6830, 0.2816, 0.3550



36.6830, 0.2599, 0.2803

Rectangle

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



36.6830, 0.3433, 0.3045



36.6830, 0.3757, 0.3475



36.6830, 0.2816, 0.3550



36.6830, 0.2536, 0.3052

Sweetspot

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



36.6847, 0.3433, 0.3045



88.4596, 0.3202, 0.3222



35.4519, 0.2975, 0.2660



18.7318, 0.3209, 0.3216



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.



36.6847, 0.3433, 0.3045



58.9958, 0.3519, 0.2990



37.5865, 0.3613, 0.3354



10.7053, 0.3229, 0.3199



8.1839, 0.5374, 0.2734



0.4017, 0.4820, 0.2429

Inverse Universe

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



36.6847, 0.3433, 0.3045



58.9958, 0.3519, 0.2990



48.7946, 0.2768, 0.3224



10.7053, 0.3229, 0.3199



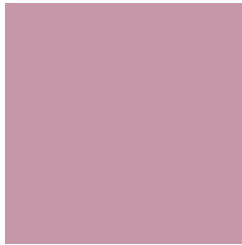
8.1839, 0.5374, 0.2734



0.4017, 0.4820, 0.2429

Previews

White Background



This preview shows how the Yxy color 36.6830, 0.3433, 0.3045 looks on a white background.

Color Contrast Check

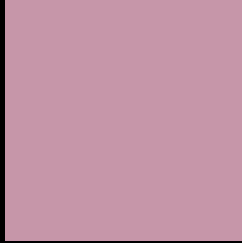
Large Text (above 18pt) WCAG AA × Fail

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 36.6830, 0.3433, 0.3045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

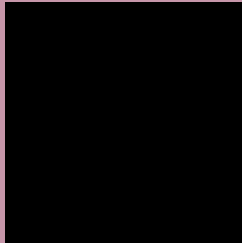
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.6830, 0.3433, 0.3045

Background



This preview shows how black text looks on a background with the Yxy color 36.6830, 0.3433, 0.3045.



This preview shows how white text looks on a background with the Yxy color 36.6830, 0.3433, 0.3045.

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

36.6830, 0.3433, 0.3045

Protanopia

36.7618, 0.3016, 0.3092

Deuteranopia

36.5909, 0.3230, 0.3166



Tritanopia

36.6479, 0.3481, 0.3134

Trichromacy



Original Color

36.6830, 0.3433, 0.3045

Protanomaly

36.7010, 0.3166, 0.3084

Deuteranomaly

36.5841, 0.3303, 0.3115

Tritanomaly

36.7201, 0.3461, 0.3108

Monochromacy



Original Color

36.6830, 0.3433, 0.3045

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.7819, 0.3227, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6830, 0.3433, 0.3045 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(198, 150, 169)` looks like.

```
.text, #text, p{  
    color:rgb(198, 150, 169)  
}
```

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(198, 150, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 150, 169) }
```

Border

The CSS property to change the border of an element to Yxy 36.6830, 0.3433, 0.3045 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(198, 150, 169) }
```

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

```
.border{ border-color:rgb(198, 150, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 150, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 150, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 150, 169);  
box-shadow:4px 4px 4px 4px rgb(198, 150,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6830, 0.3433, 0.3045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 150, 169) }
```

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

```
.background{ background-color: rgb(198,  
150, 169) }
```

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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