

Converting Colors

$Yxy(36.4686, 0.3400, 0.2887)$

Have a look what the booklet for
Yxy(36.4686, 0.3400, 0.2887)
contains.

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Color

Yxy(36.4686, 0.3400, 0.2887)

Conversions

Conversions Part 1

Format	Color
Hex	CB92B2
RGB	203, 146, 178
RGB Percent	80%, 57%, 70%
CMY	0.2038, 0.4275, 0.3019
CMYK	0.00, 0.28, 0.12, 0.20
HSL	326°, 35%, 68%
HSV	326°, 28%, 80%
XYZ	42.9488, 36.4686, 46.9026
YIQ	166.6910, 23.7000, 22.0360

Conversions

Conversions Part 2

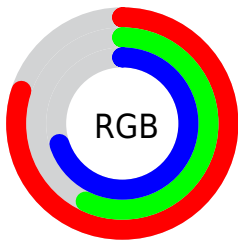
Format	Color
R _Y B	203, 146, 178
Decimal	13341362
CIE Lab	66.88, 26.46, -8.16
CIE LCh	67, 27.687, 342.869
Yxy	36.4686, 0.3400, 0.2887
Android (android.graphics.Color)	4291531442 (0xFFCB92B2)
YUV	166.6910, 5.5753, 31.8430
Hunter-Lab	60.3892, 21.2680, -3.7764

Details

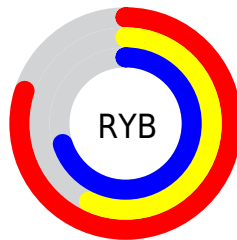
The Yxy color **36.4686, 0.3400, 0.2887** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.7729, 0.2924, 0.3732**, and the grayscale version is **38.4507, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5091, 0.3304, 0.2949**, and **15.9610, 0.3486, 0.2781** is the 20% darker color. If you saturate the color by 10%, you get **30.4112, 0.3533, 0.2739**, and if you desaturate by 10%, it is **43.6639, 0.3287, 0.3035**.

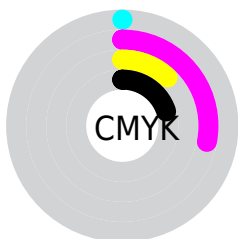
Distribution



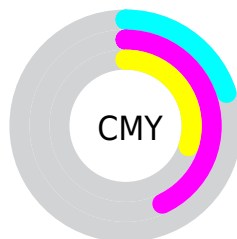
- Red (80%)
- Green (57%)
- Blue (70%)



- Red (80%)
- Yellow (57%)
- Blue (70%)



- Cyan (0%)
- Magenta (28%)
- Yellow (12%)
- Black (20%)





- Cyan (20%)
- Magenta (43%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4686, 0.3400, 0.2887 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 36.4686, 0.3400, 0.2887 by changing the saturation by 10% instead.

 36.4686, 0.3400,
0.2887


 36.4686, 0.3400,
0.2887


331.0041, 0.3261,
0.3090

 24.7963, 0.3435,
0.2836


 69.7547, 0.3349,
0.2961

 15.9254, 0.3481,
0.2770


 92.1374, 0.3330,
0.2989

 9.4714, 0.3543,
0.2681


118.8589, 0.3314,
0.3012

 5.0499, 0.3631,
0.2557

150.3038, 0.3300,
0.3032

 2.2766, 0.3766,
0.2371

186.8563, 0.3289,
0.3050

 0.7613, 0.4002,
0.2048

228.9010, 0.3278,

 0.0000, 0.6209,

0.3065

0.0000

276.8221, 0.3269,
0.3078

0.0000, 0.0000,
0.0000

36.4686, 0.3400,
0.2887

36.4686, 0.3400,
0.2887

30.4112, 0.3533,
0.2739

43.6639, 0.3287,
0.3035

25.4276, 0.3687,
0.2598

52.0471, 0.3192,
0.3179

21.4547, 0.3862,
0.2473

61.6711, 0.3113,
0.3315

18.4207, 0.4055,
0.2377

72.5842, 0.3048,
0.3443

16.2445, 0.4260,
0.2321

84.8322, 0.2993,
0.3561

■ 14.8308, 0.4469,
0.2314

■ 90.0134, 0.2945,
0.3540

■ 14.0378, 0.4672,
0.2358

■ 90.5306, 0.2898,
0.3444

■ 13.9145, 0.4711,
0.2369

■ 91.0738, 0.2851,
0.3349

■ 91.4396, 0.2822,
0.3289

Harmonies

Analogous

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



36.4686, 0.2972, 0.2681



36.4686, 0.3400, 0.2887



36.4686, 0.3771, 0.3188

Triad

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



36.4686, 0.3400, 0.2887



36.4686, 0.3633, 0.4027



36.4686, 0.2362, 0.2962

Complementary

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



36.4686, 0.3400, 0.2887



51.7729, 0.2924, 0.3732

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.



36.4686, 0.2514, 0.3348



36.4686, 0.3400, 0.2887



36.4686, 0.3237, 0.4007

Square

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



36.4686, 0.3400, 0.2887



36.4686, 0.3903, 0.3837



36.4686, 0.2829, 0.3749



36.4686, 0.2397, 0.2703

Rectangle

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



36.4686, 0.3400, 0.2887



36.4686, 0.3921, 0.3415



36.4686, 0.2829, 0.3749



36.4686, 0.2392, 0.3080

Sweetspot

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



36.4703, 0.3400, 0.2887



87.1051, 0.3192, 0.3179



33.4934, 0.2857, 0.2532



18.1579, 0.3206, 0.3157



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.



36.4703, 0.3400, 0.2887



54.3850, 0.3482, 0.2792



35.4507, 0.3695, 0.3242



11.3174, 0.3204, 0.3161



8.8716, 0.4685, 0.2355



0.4728, 0.4320, 0.2153

Inverse Universe

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



36.4703, 0.3400, 0.2887



54.3850, 0.3482, 0.2792



52.9664, 0.2746, 0.3339



11.3174, 0.3204, 0.3161



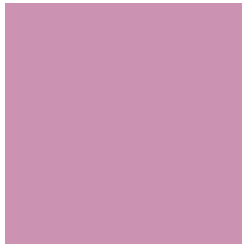
8.8716, 0.4685, 0.2355



0.4728, 0.4320, 0.2153

Previews

White Background



This preview shows how the Yxy color 36.4686, 0.3400, 0.2887 looks on a white background.

Color Contrast Check

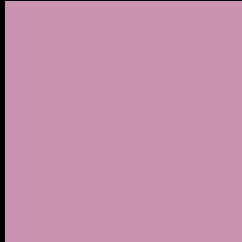
Large Text (above 18pt) WCAG AA × Fail

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 36.4686, 0.3400, 0.2887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

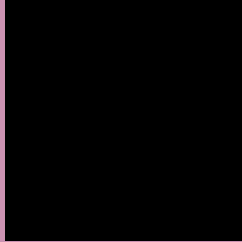
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.4686, 0.3400, 0.2887

Background



This preview shows how black text looks on a background with the Yxy color 36.4686, 0.3400, 0.2887.



This preview shows how white text looks on a background with the Yxy color 36.4686, 0.3400, 0.2887.

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

36.4686, 0.3400, 0.2887

Protanopia

36.7406, 0.2874, 0.2925

Deuteranopia

36.4725, 0.3110, 0.3041



Tritanopia

36.4856, 0.3547, 0.3136

Trichromacy



Original Color

36.4686, 0.3400, 0.2887

Protanomaly

36.2363, 0.3050, 0.2909

Deuteranomaly

36.4759, 0.3210, 0.2982

Tritanomaly

36.5264, 0.3498, 0.3048

Monochromacy



Original Color

36.4686, 0.3400, 0.2887

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.4398, 0.3221, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4686, 0.3400, 0.2887 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(203, 146, 178)` looks like.

```
.text, #text, p{  
    color:rgb(203, 146, 178)  
}
```

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(203, 146, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 146, 178) }
```

Border

The CSS property to change the border of an element to Yxy 36.4686, 0.3400, 0.2887 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(203, 146, 178) }
```

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

```
.border{ border-color:rgb(203, 146, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 146, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 146, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 146, 178);  
box-shadow:4px 4px 4px 4px rgb(203, 146,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4686, 0.3400, 0.2887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 146, 178) }
```

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

```
.background{ background-color: rgb(203,  
146, 178) }
```

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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