

Converting Colors

$Yxy(36.8066, 0.3377, 0.2804)$

Have a look what the booklet for
Yxy(36.8066, 0.3377, 0.2804)
contains.

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Color

Yxy(36.9769, 0.3382, 0.2809)

Conversions

Conversions Part 1

Format	Color
Hex	CF91B8
RGB	207, 145, 184
RGB Percent	81%, 57%, 72%
CMY	0.1880, 0.4314, 0.2784
CMYK	0.00, 0.30, 0.11, 0.19
HSL	322°, 39%, 69%
HSV	322°, 30%, 81%
XYZ	44.5197, 36.9769, 50.1406
YIQ	167.9840, 24.4330, 25.2730

Conversions

Conversions Part 2

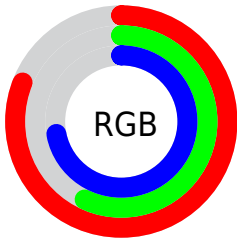
Format	Color
R _Y B	207, 145, 184
Decimal	13603256
CIE Lab	67.26, 29.43, -10.89
CIE LCh	67, 31.380, 339.687
Yxy	36.9769, 0.3382, 0.2809
Android (android.graphics.Color)	4291793336 (0xFFCF91B8)
YUV	167.9840, 7.8959, 34.2170
Hunter-Lab	60.8086, 24.2698, -6.3224

Details

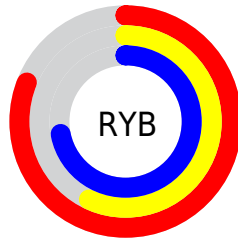
The Yxy color **36.9769, 0.3382, 0.2809** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.4958, 0.2938, 0.3827**, and the grayscale version is **39.1028, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.3981, 0.3261, 0.2882**, and **16.3195, 0.3457, 0.2681** is the 20% darker color. If you saturate the color by 10%, you get **30.9044, 0.3498, 0.2646**, and if you desaturate by 10%, it is **44.2232, 0.3283, 0.2974**.

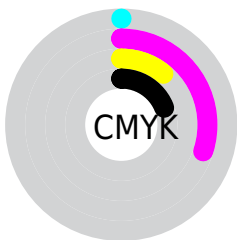
Distribution



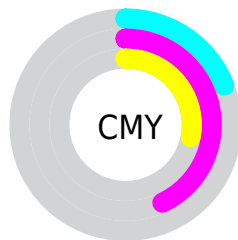
- Red (81%)
- Green (57%)
- Blue (72%)



- Red (81%)
- Yellow (57%)
- Blue (72%)



- Cyan (0%)
- Magenta (30%)
- Yellow (11%)
- Black (19%)




- Cyan (19%)
- Magenta (43%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9769, 0.3382, 0.2809 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 36.9769, 0.3382, 0.2809 by changing the saturation by 10% instead.


 36.9769, 0.3382,
0.2809


 36.9769, 0.3382,
0.2809


333.2105, 0.3254,
0.3049

 25.1896, 0.3414,
0.2749


 70.5373, 0.3336,
0.2896

 16.2184, 0.3455,
0.2673


 93.0791, 0.3318,
0.2929

 9.6788, 0.3510,
0.2571


119.9746, 0.3303,
0.2957

 5.1865, 0.3586,
0.2431

151.6081, 0.3291,
0.2980

 2.3571, 0.3699,
0.2223

188.3641, 0.3280,
0.3001

 0.8037, 0.3887,
0.1883


230.6269, 0.3270,


 0.0000, 0.4993,


0.3019

0.0000


278.7809, 0.3262,
0.3035

 0.0000, 0.0000,
0.0000

 36.9769, 0.3382,
0.2809

 36.9769, 0.3382,
0.2809


 30.9044, 0.3498,
0.2646


 44.2232, 0.3283,
0.2974


 25.9379, 0.3630,
0.2492


 52.6967, 0.3198,
0.3136


 22.0099, 0.3777,
0.2358

 62.4531, 0.3127,
0.3290

 19.0438, 0.3936,
0.2255

 73.5437, 0.3068,
0.3435

 16.9521, 0.4103,
0.2194

 86.0167, 0.3018,
0.3570

■ 15.6313, 0.4271,
0.2182

■ 90.5129, 0.2976,
0.3553

■ 14.8905, 0.4435,
0.2217

■ 90.9547, 0.2934,
0.3470

■ 14.8890, 0.4435,
0.2217

■ 91.4159, 0.2893,
0.3388

■ 91.8965, 0.2853,
0.3308

Harmonies

Analogous

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



36.9769, 0.2902, 0.2594



36.9769, 0.3382, 0.2809



36.9769, 0.3817, 0.3134

Triad

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



36.9769, 0.3382, 0.2809



36.9769, 0.3734, 0.4107



36.9769, 0.2280, 0.2956

Complementary

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



36.9769, 0.3382, 0.2809



53.4958, 0.2938, 0.3827

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.



36.9769, 0.2468, 0.3403



36.9769, 0.3382, 0.2809



36.9769, 0.3297, 0.4121

Square

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



36.9769, 0.3382, 0.2809



36.9769, 0.4019, 0.3866



36.9769, 0.2834, 0.3854



36.9769, 0.2297, 0.2651

Rectangle

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



36.9769, 0.3382, 0.2809



36.9769, 0.4005, 0.3383



36.9769, 0.2834, 0.3854



36.9769, 0.2320, 0.3094

Sweetspot

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



36.9786, 0.3382, 0.2809



85.6847, 0.3191, 0.3150



33.0488, 0.2797, 0.2466



17.8795, 0.3203, 0.3126



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.



36.9786, 0.3382, 0.2809



52.7415, 0.3455, 0.2703



35.8261, 0.3703, 0.3186



11.9315, 0.3194, 0.3145



9.3946, 0.4414, 0.2205



0.5403, 0.4136, 0.2052

Inverse Universe

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



36.9786, 0.3382, 0.2809



52.7415, 0.3455, 0.2703



54.7807, 0.2747, 0.3398



11.9315, 0.3194, 0.3145



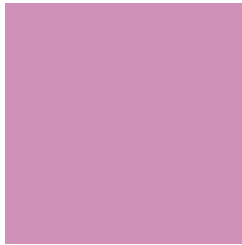
9.3946, 0.4414, 0.2205



0.5403, 0.4136, 0.2052

Previews

White Background



This preview shows how the Yxy color 36.9769, 0.3382, 0.2809 looks on a white background.

Color Contrast Check

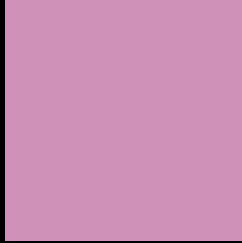
Large Text (above 18pt) WCAG AA × Fail

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 36.9769, 0.3382, 0.2809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

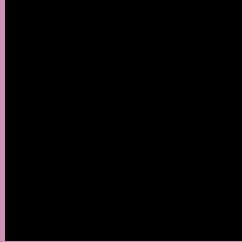
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.9769, 0.3382, 0.2809

Background



This preview shows how black text looks on a background with the Yxy color 36.9769, 0.3382, 0.2809.



This preview shows how white text looks on a background with the Yxy color 36.9769, 0.3382, 0.2809.

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

36.9769, 0.3382, 0.2809

Protanopia

37.3480, 0.2805, 0.2834

Deuteranopia

37.2485, 0.3056, 0.3002



Tritanopia

36.9055, 0.3578, 0.3138

Trichromacy



Original Color

36.9769, 0.3382, 0.2809

Protanomaly

36.6967, 0.2991, 0.2808

Deuteranomaly

37.1344, 0.3173, 0.2933

Tritanomaly

37.0235, 0.3508, 0.3026

Monochromacy



Original Color

36.9769, 0.3382, 0.2809

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.1427, 0.3212, 0.3102

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9769, 0.3382, 0.2809 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, 145, 184)` looks like.

```
.text, #text, p{  
    color:rgb(207, 145, 184)  
}
```

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, 145, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 145, 184) }
```

Border

The CSS property to change the border of an element to Yxy 36.9769, 0.3382, 0.2809 is called "border". The border property can be set on classes, ids or directly on the HTML element.

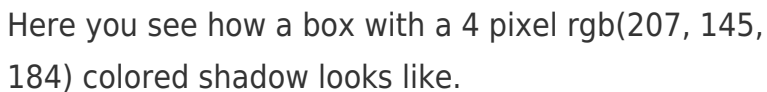
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 145, 184) }
```

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

```
.border{ border-color:rgb(207, 145, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 145, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 145, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 145, 184);  
box-shadow:4px 4px 4px 4px rgb(207, 145,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9769, 0.3382, 0.2809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 145, 184) }
```

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

```
.background{ background-color: rgb(207,  
145, 184) }
```

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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