

Converting Colors

$Yxy(36.8643, 0.3205, 0.2874)$

Have a look what the booklet for
Yxy(36.8643, 0.3205, 0.2874)
contains.

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Color

Yxy(36.8643, 0.3205, 0.2874)

Conversions

Conversions Part 1

Format	Color
Hex	BE98B8
RGB	190, 152, 184
RGB Percent	75%, 60%, 72%
CMY	0.2550, 0.4039, 0.2784
CMYK	0.00, 0.20, 0.03, 0.26
HSL	309°, 23%, 67%
HSV	309°, 20%, 74%
XYZ	41.1100, 36.8643, 50.2940
YIQ	167.0100, 12.3760, 18.0080

Conversions

Conversions Part 2

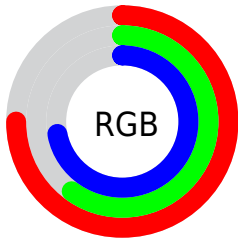
Format	Color
R_{YB}	190, 152, 184
Decimal	12490936
CIE _{Lab}	67.18, 19.62, -11.20
CIE _{LCh}	67, 22.586, 330.282
Yxy	36.8643, 0.3205, 0.2874
Android (android.graphics.Color)	4290681016 (0xFFBE98B8)
YUV	167.0100, 8.3761, 20.1622
Hunter-Lab	60.7160, 14.6070, -6.6116

Details

The Yxy color **36.8643, 0.3205, 0.2874** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.9613, 0.3058, 0.3745**, and the grayscale version is **38.6026, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.2080, 0.3195, 0.2946**, and **16.1803, 0.3221, 0.2757** is the 20% darker color. If you saturate the color by 10%, you get **31.0603, 0.3252, 0.2661**, and if you desaturate by 10%, it is **43.6619, 0.3163, 0.3086**.

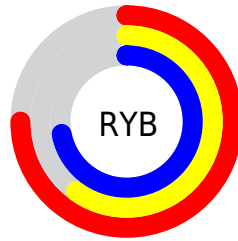
Distribution



Red (75%)

Green (60%)

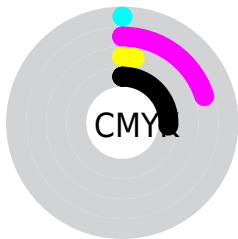
Blue (72%)



Red (75%)

Yellow (60%)

Blue (72%)

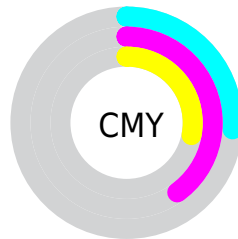


Cyan (0%)

Magenta (20%)

Yellow (3%)

Black (26%)



Cyan (26%)


Magenta (40%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.8643, 0.3205, 0.2874 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 36.8643, 0.3205, 0.2874 by changing the saturation by 10% instead.


 36.8643, 0.3205,
0.2874


 36.8643, 0.3205,
0.2874


332.7226, 0.3168,
0.3083

 25.1024, 0.3214,
0.2821


 70.3640, 0.3192,
0.2950

 16.1534, 0.3225,
0.2754


 92.8707, 0.3187,
0.2979

 9.6328, 0.3239,
0.2664


119.7277, 0.3182,
0.3003

 5.1562, 0.3257,
0.2537

151.3196, 0.3179,
0.3024

 2.3392, 0.3282,
0.2348

188.0306, 0.3175,
0.3042

 0.7943, 0.3316,
0.2029

230.2452, 0.3173,

 0.0000, 0.2911,

0.3057

0.0000

278.3477, 0.3170,
0.3071

0.0000, 0.0000,
0.0000

36.8643, 0.3205,
0.2874

36.8643, 0.3205,
0.2874

31.0603, 0.3252,
0.2661

43.6619, 0.3163,
0.3086

26.1980, 0.3304,
0.2453

51.4921, 0.3127,
0.3290

22.2284, 0.3360,
0.2259

60.3977, 0.3096,
0.3485

19.0960, 0.3419,
0.2088

70.4175, 0.3069,
0.3667

16.7389, 0.3480,
0.1951

81.5886, 0.3046,
0.3835

■ 15.0870, 0.3540,
0.1854

■ 86.7257, 0.3028,
0.3882

■ 14.0571, 0.3598,
0.1801

■ 86.8688, 0.3012,
0.3848

■ 13.4850, 0.3653,
0.1786

■ 87.0146, 0.2996,
0.3813

■ 13.4840, 0.3653,
0.1786

■ 87.1632, 0.2980,
0.3779

Harmonies

Analogous

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



36.8643, 0.2868, 0.2747



36.8643, 0.3205, 0.2874



36.8643, 0.3537, 0.3098

Triad

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



36.8643, 0.3205, 0.2874



36.8643, 0.3651, 0.3845



36.8643, 0.2533, 0.3152

Complementary

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



36.8643, 0.3205, 0.2874



45.9613, 0.3058, 0.3745

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.



36.8643, 0.2721, 0.3480



36.8643, 0.3205, 0.2874



36.8643, 0.3364, 0.3899

Square

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



36.8643, 0.3205, 0.2874



36.8643, 0.3800, 0.3646



36.8643, 0.3023, 0.3765



36.8643, 0.2495, 0.2887

Rectangle

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



36.8643, 0.3205, 0.2874



36.8643, 0.3703, 0.3280



36.8643, 0.3023, 0.3765



36.8643, 0.2580, 0.3259

Sweetspot

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



36.8659, 0.3205, 0.2874



84.4314, 0.3149, 0.3166



33.4177, 0.2849, 0.2755



18.3384, 0.3151, 0.3153



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.8659, 0.3205, 0.2874



61.9714, 0.3225, 0.2780



36.1329, 0.3384, 0.3113



9.6698, 0.3161, 0.3099



8.9783, 0.3646, 0.1782



0.3587, 0.3526, 0.1716

Inverse Universe

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



36.8659, 0.3205, 0.2874



61.9714, 0.3225, 0.2780



46.6549, 0.2924, 0.3474



9.6698, 0.3161, 0.3099



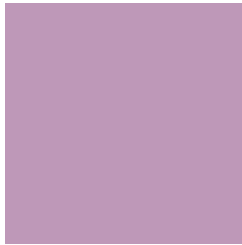
8.9783, 0.3646, 0.1782



0.3587, 0.3526, 0.1716

Previews

White Background



This preview shows how the Yxy color 36.8643, 0.3205, 0.2874 looks on a white background.

Color Contrast Check

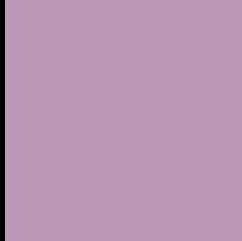
Large Text (above 18pt) WCAG AA × Fail

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 36.8643, 0.3205, 0.2874 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 36.8643, 0.3205, 0.2874

Background



This preview shows how black text looks on a background with the Yxy color 36.8643, 0.3205, 0.2874.



This preview shows how white text looks on a background with the Yxy color 36.8643, 0.3205, 0.2874.

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

36.8643, 0.3205, 0.2874

Protanopia

36.8713, 0.2851, 0.2885

Deuteranopia

36.8731, 0.3030, 0.2961



Tritanopia

36.9241, 0.3343, 0.3130

Trichromacy



Original Color

36.8643, 0.3205, 0.2874

Protanomaly

36.6306, 0.2979, 0.2881

Deuteranomaly

36.6608, 0.3097, 0.2926

Tritanomaly

36.9471, 0.3297, 0.3039

Monochromacy



Original Color

36.8643, 0.3205, 0.2874

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.9718, 0.3153, 0.3139

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.8643, 0.3205, 0.2874 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(190, 152, 184)` looks like.

```
.text, #text, p{  
    color:rgb(190, 152, 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(190, 152, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 152, 184) }
```

Border

The CSS property to change the border of an element to Yxy 36.8643, 0.3205, 0.2874 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(190, 152, 184) }
```

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

```
.border{ border-color:rgb(190, 152, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 152, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 152, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 152, 184);  
box-shadow:4px 4px 4px 4px rgb(190, 152,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 36.8643, 0.3205, 0.2874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 152, 184) }
```

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

```
.background{ background-color: rgb(190,  
152, 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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