

Converting Colors

$Yxy(36.5193, 0.3213, 0.2906)$

Have a look what the booklet for
Yxy(36.5193, 0.3213, 0.2906)
contains.

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Color

Yxy(36.4840, 0.3214, 0.2909)

Conversions

Conversions Part 1

Format	Color
Hex	BC98B5
RGB	188, 152, 181
RGB Percent	74%, 60%, 71%
CMY	0.2627, 0.4039, 0.2903
CMYK	0.00, 0.19, 0.04, 0.26
HSL	312°, 21%, 67%
HSV	312°, 19%, 74%
XYZ	40.3092, 36.4840, 48.6244
YIQ	166.0700, 12.1470, 16.6510

Conversions

Conversions Part 2

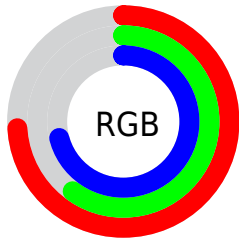
Format	Color
RYB	188, 152, 181
Decimal	12359861
CIELab	66.89, 18.38, -9.96
CIELCh	67, 20.907, 331.545
Yxy	36.4840, 0.3214, 0.2909
Android (android.graphics.Color)	4290549941 (0xFFBC98B5)
YUV	166.0700, 7.3605, 19.2326
Hunter-Lab	60.4020, 13.4184, -5.4479

Details

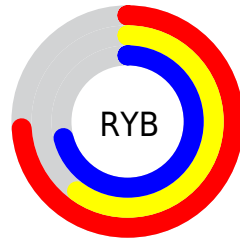
The Yxy color **36.4840, 0.3214, 0.2909** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.1535, 0.3051, 0.3703**, and the grayscale version is **38.1293, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.4901, 0.3194, 0.2973**, and **15.9342, 0.3234, 0.2803** is the 20% darker color. If you saturate the color by 10%, you get **30.7098, 0.3269, 0.2704**, and if you desaturate by 10%, it is **43.2328, 0.3166, 0.3111**.

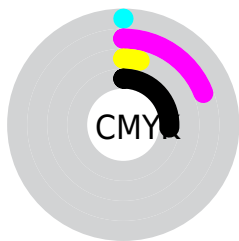
Distribution



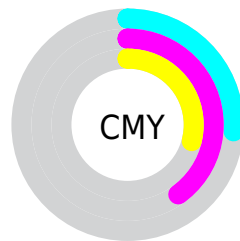
- Red (74%)
- Green (60%)
- Blue (71%)



- Red (74%)
- Yellow (60%)
- Blue (71%)



- Cyan (0%)
- Magenta (19%)
- Yellow (4%)
- Black (26%)





- Cyan (26%)
- Magenta (40%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4840, 0.3214, 0.2909 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 36.4840, 0.3214, 0.2909 by changing the saturation by 10% instead.


 36.4840, 0.3214,
0.2909


 36.4840, 0.3214,
0.2909


331.0711, 0.3171,
0.3102

 24.8082, 0.3224,
0.2860


 69.7785, 0.3199,
0.2979

 15.9342, 0.3237,
0.2798


 92.1659, 0.3193,
0.3006

 9.4776, 0.3254,
0.2713


118.8928, 0.3188,
0.3028

 5.0540, 0.3277,
0.2595

150.3433, 0.3184,
0.3047

 2.2790, 0.3310,
0.2416

186.9021, 0.3180,
0.3063

 0.7626, 0.3363,
0.2104

228.9534, 0.3177,

 0.0000, 0.2740,

0.3078

0.0000

276.8816, 0.3174,
0.3090

0.0000, 0.0000,
0.0000

36.4840, 0.3214,
0.2909

36.4840, 0.3214,
0.2909

30.7098, 0.3269,
0.2704

43.2328, 0.3166,
0.3111

25.8599, 0.3331,
0.2503

50.9939, 0.3124,
0.3306

21.8867, 0.3399,
0.2314

59.8089, 0.3088,
0.3491

18.7365, 0.3471,
0.2147

69.7155, 0.3058,
0.3663

16.3498, 0.3547,
0.2011

80.7497, 0.3032,
0.3822

■ 14.6587, 0.3623,
0.1915

■ 86.5259, 0.3011,
0.3872

■ 13.5837, 0.3697,
0.1864

■ 86.7031, 0.2991,
0.3829

■ 12.9823, 0.3769,
0.1854

■ 86.8844, 0.2972,
0.3787

■ 12.9377, 0.3775,
0.1853

■ 87.0699, 0.2952,
0.3744

Harmonies

Analogous

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



36.4840, 0.2899, 0.2786



36.4840, 0.3214, 0.2909



36.4840, 0.3519, 0.3122

Triad

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



36.4840, 0.3214, 0.2909



36.4840, 0.3606, 0.3812



36.4840, 0.2569, 0.3151

Complementary

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



36.4840, 0.3214, 0.2909



45.1535, 0.3051, 0.3703

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.



36.4840, 0.2740, 0.3454



36.4840, 0.3214, 0.2909



36.4840, 0.3335, 0.3852

Square

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



36.4840, 0.3214, 0.2909



36.4840, 0.3750, 0.3633



36.4840, 0.3018, 0.3720



36.4840, 0.2539, 0.2908

Rectangle

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



36.4840, 0.3214, 0.2909



36.4840, 0.3669, 0.3293



36.4840, 0.3018, 0.3720



36.4840, 0.2611, 0.3249

Sweetspot

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



36.4856, 0.3214, 0.2909



82.4392, 0.3152, 0.3172



33.4186, 0.2873, 0.2781



17.5374, 0.3155, 0.3159



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



36.4856, 0.3214, 0.2909



61.4846, 0.3236, 0.2823



35.8090, 0.3383, 0.3137



9.6635, 0.3167, 0.3107



8.8175, 0.3767, 0.1849



0.3537, 0.3610, 0.1762

Inverse Universe

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



36.4856, 0.3214, 0.2909



61.4846, 0.3236, 0.2823



45.8080, 0.2924, 0.3449



9.6635, 0.3167, 0.3107



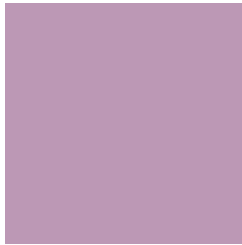
8.8175, 0.3767, 0.1849



0.3537, 0.3610, 0.1762

Previews

White Background



This preview shows how the Yxy color 36.4840, 0.3214, 0.2909 looks on a white background.

Color Contrast Check

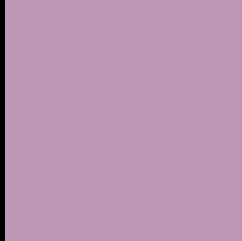
Large Text (above 18pt) WCAG AA × Fail

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 36.4840, 0.3214, 0.2909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

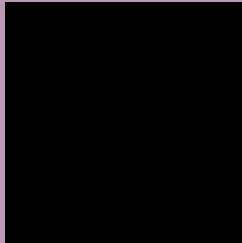
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.4840, 0.3214, 0.2909

Background



This preview shows how black text looks on a background with the Yxy color 36.4840, 0.3214, 0.2909.



This preview shows how white text looks on a background with the Yxy color 36.4840, 0.3214, 0.2909.

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

36.4840, 0.3214, 0.2909

Protanopia

36.7994, 0.2890, 0.2939

Deuteranopia

36.7495, 0.3056, 0.3000



Tritanopia

36.3403, 0.3324, 0.3115

Trichromacy



Original Color

36.4840, 0.3214, 0.2909

Protanomaly

36.5025, 0.3004, 0.2920

Deuteranomaly

36.4193, 0.3114, 0.2964

Tritanomaly

36.3258, 0.3288, 0.3037

Monochromacy



Original Color

36.4840, 0.3214, 0.2909

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.4287, 0.3162, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4840, 0.3214, 0.2909 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(188, 152, 181)` looks like.

```
.text, #text, p{  
    color:rgb(188, 152, 181)  
}
```

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(188, 152, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 152, 181) }
```

Border

The CSS property to change the border of an element to Yxy 36.4840, 0.3214, 0.2909 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(188, 152, 181) }
```

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

```
.border{ border-color:rgb(188, 152, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 152, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 152, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 152, 181);  
box-shadow:4px 4px 4px 4px rgb(188, 152,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4840, 0.3214, 0.2909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 152, 181) }
```

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

```
.background{ background-color: rgb(188,  
152, 181) }
```

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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