

Converting Colors

$Yxy(36.1719, 0.3267, 0.2983)$

Have a look what the booklet for
Yxy(36.1719, 0.3267, 0.2983)
contains.

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Color

Yxy(36.2430, 0.3270, 0.2985)

Conversions

Conversions Part 1

Format	Color
Hex	BC98AF
RGB	188, 152, 175
RGB Percent	74%, 60%, 69%
CMY	0.2628, 0.4039, 0.3136
CMYK	0.00, 0.19, 0.07, 0.26
HSL	322°, 21%, 67%
HSV	322°, 19%, 74%
XYZ	39.7034, 36.2430, 45.4707
YIQ	165.3860, 14.0730, 14.7850

Conversions

Conversions Part 2

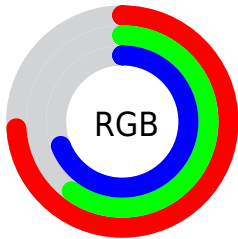
Format	Color
RYB	188, 152, 175
Decimal	12359855
CIELab	66.71, 17.28, -6.90
CIElCh	67, 18.604, 338.237
Yxy	36.2430, 0.3270, 0.2985
Android (android.graphics.Color)	4290549935 (0xFFBC98AF)
YUV	165.3860, 4.7397, 19.8325
Hunter-Lab	60.2022, 12.3672, -2.6402

Details

The Yxy color **36.2430, 0.3270, 0.2985** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.3509, 0.3007, 0.3616**, and the grayscale version is **37.7942, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.1452, 0.3237, 0.3033**, and **15.8058, 0.3301, 0.2889** is the 20% darker color. If you saturate the color by 10%, you get **30.3584, 0.3365, 0.2818**, and if you desaturate by 10%, it is **43.1112, 0.3190, 0.3148**.

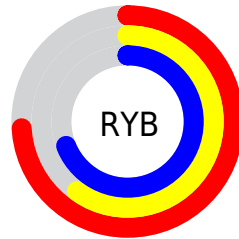
Distribution



Red (74%)

Green (60%)

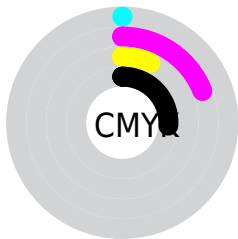
Blue (69%)



Red (74%)

Yellow (60%)

Blue (69%)

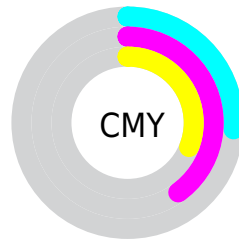


Cyan (0%)

Magenta (19%)

Yellow (7%)

Black (26%)



Cyan (26%)


Magenta (40%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2430, 0.3270, 0.2985 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 36.2430, 0.3270, 0.2985 by changing the saturation by 10% instead.


 36.2430, 0.3270,
0.2985


 36.2430, 0.3270,
0.2985


330.0214, 0.3197,
0.3140

 24.6219, 0.3289,
0.2945


 69.4070, 0.3243,
0.3042

 15.7956, 0.3313,
0.2894


 91.7186, 0.3233,
0.3063

 9.3796, 0.3345,
0.2825


118.3627, 0.3225,
0.3081

 4.9896, 0.3391,
0.2726

149.7234, 0.3218,
0.3096

 2.2412, 0.3462,
0.2575

186.1852, 0.3212,
0.3110

 0.7423, 0.3592,
0.2297

228.1326, 0.3206,

 0.0000, 0.4688,

0.3121

0.0000

275.9498, 0.3202,
0.3131

0.0000, 0.0000,
0.0000

36.2430, 0.3270,
0.2985

36.2430, 0.3270,
0.2985

30.3584, 0.3365,
0.2818

43.1112, 0.3190,
0.3148

25.4071, 0.3474,
0.2653

51.0009, 0.3122,
0.3303

21.3412, 0.3600,
0.2496

59.9538, 0.3065,
0.3449

18.1071, 0.3739,
0.2358

70.0078, 0.3018,
0.3585

15.6448, 0.3891,
0.2249

81.1990, 0.2978,
0.3710

■ 13.8866, 0.4050,
0.2180

■ 87.1495, 0.2943,
0.3726

■ 12.7527, 0.4210,
0.2160

■ 87.5064, 0.2907,
0.3648

■ 12.1008, 0.4368,
0.2185

■ 87.8779, 0.2872,
0.3571

■ 12.0513, 0.4382,
0.2187

■ 88.2642, 0.2837,
0.3496

Harmonies

Analogous

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



36.2430, 0.2983, 0.2853



36.2430, 0.3270, 0.2985



36.2430, 0.3527, 0.3190

Triad

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



36.2430, 0.3270, 0.2985



36.2430, 0.3509, 0.3776



36.2430, 0.2609, 0.3113

Complementary

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



36.2430, 0.3270, 0.2985



45.3509, 0.3007, 0.3616

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.



36.2430, 0.2737, 0.3376



36.2430, 0.3270, 0.2985



36.2430, 0.3252, 0.3776

Square

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



36.2430, 0.3270, 0.2985



36.2430, 0.3666, 0.3642



36.2430, 0.2970, 0.3627



36.2430, 0.2613, 0.2915

Rectangle

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



36.2430, 0.3270, 0.2985



36.2430, 0.3641, 0.3348



36.2430, 0.2970, 0.3627



36.2430, 0.2638, 0.3196

Sweetspot

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



36.2446, 0.3270, 0.2985



82.2946, 0.3168, 0.3196



34.0461, 0.2928, 0.2790



17.5030, 0.3172, 0.3186



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.



36.2446, 0.3270, 0.2985



60.9649, 0.3308, 0.2915



35.5968, 0.3443, 0.3218



9.6363, 0.3191, 0.3144



8.2215, 0.4363, 0.2177



0.3341, 0.4020, 0.1988

Inverse Universe

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



36.2446, 0.3270, 0.2985



60.9649, 0.3308, 0.2915



46.0371, 0.2882, 0.3364



9.6363, 0.3191, 0.3144



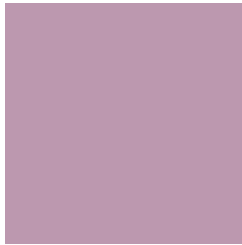
8.2215, 0.4363, 0.2177



0.3341, 0.4020, 0.1988

Previews

White Background



This preview shows how the Yxy color 36.2430, 0.3270, 0.2985 looks on a white background.

Color Contrast Check

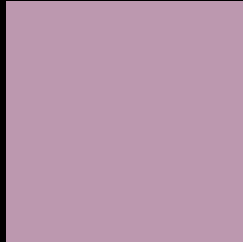
Large Text (above 18pt) WCAG AA × Fail

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 36.2430, 0.3270, 0.2985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

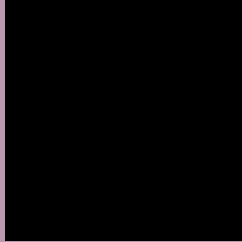
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.2430, 0.3270, 0.2985

Background



This preview shows how black text looks on a background with the Yxy color 36.2430, 0.3270, 0.2985.



This preview shows how white text looks on a background with the Yxy color 36.2430, 0.3270, 0.2985.

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

36.2430, 0.3270, 0.2985

Protanopia

36.2995, 0.2947, 0.3007

Deuteranopia

36.3939, 0.3128, 0.3068



Tritanopia

36.4292, 0.3344, 0.3129

Trichromacy



Original Color

36.2430, 0.3270, 0.2985

Protanomaly

36.2544, 0.3056, 0.2999

Deuteranomaly

36.2979, 0.3178, 0.3044

Tritanomaly

36.2118, 0.3317, 0.3076

Monochromacy



Original Color

36.2430, 0.3270, 0.2985

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.8904, 0.3171, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2430, 0.3270, 0.2985 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(188, 152, 175)  
}
```

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, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 152, 175) }
```

Border

The CSS property to change the border of an element to Yxy 36.2430, 0.3270, 0.2985 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, 175) }
```

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

```
.border{ border-color:rgb(188, 152, 175) }
```

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, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 152, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 152, 175);  
box-shadow:4px 4px 4px 4px rgb(188, 152,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2430, 0.3270, 0.2985 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, 175) }
```

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

```
.background{ background-color: rgb(188,  
152, 175) }
```

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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