

Converting Colors

$Yxy(37.0461, 0.3294, 0.2994)$

Have a look what the booklet for
Yxy(37.0461, 0.3294, 0.2994)
contains.

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Color

Yxy(36.9934, 0.3289, 0.2989)

Conversions

Conversions Part 1

Format	Color
Hex	BF99B0
RGB	191, 153, 176
RGB Percent	75%, 60%, 69%
CMY	0.2511, 0.3999, 0.3098
CMYK	0.00, 0.20, 0.08, 0.25
HSL	324°, 23%, 67%
HSV	324°, 20%, 75%
XYZ	40.7064, 36.9934, 46.0654
YIQ	166.9840, 15.2650, 15.2090

Conversions

Conversions Part 2

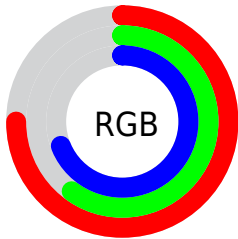
Format	Color
RYB	191, 153, 176
Decimal	12556720
CIELab	67.27, 17.96, -6.57
CIELCh	67, 19.120, 339.905
Yxy	36.9934, 0.3289, 0.2989
Android (android.graphics.Color)	4290746800 (0xFFBF99B0)
YUV	166.9840, 4.4449, 21.0620
Hunter-Lab	60.8222, 13.0255, -2.3294

Details

The Yxy color **36.9934, 0.3289, 0.2989** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.8476, 0.2994, 0.3612**, and the grayscale version is **38.6073, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.8944, 0.3258, 0.3046**, and **16.2763, 0.3328, 0.2896** is the 20% darker color. If you saturate the color by 10%, you get **30.9451, 0.3393, 0.2830**, and if you desaturate by 10%, it is **44.0620, 0.3201, 0.3144**.

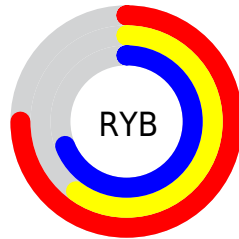
Distribution



Red (75%)

Green (60%)

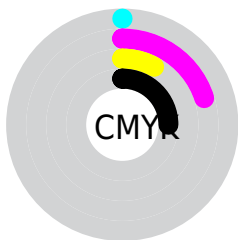
Blue (69%)



Red (75%)

Yellow (60%)

Blue (69%)

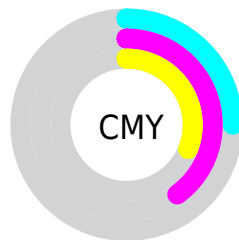


Cyan (0%)

Magenta (20%)

Yellow (8%)

Black (25%)



Cyan (25%)

Magenta (40%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9934, 0.3289, 0.2989 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 36.9934, 0.3289, 0.2989 by changing the saturation by 10% instead.

 36.9934, 0.3289,
0.2989


 36.9934, 0.3289,
0.2989


333.2819, 0.3207,
0.3142

 25.2024, 0.3310,
0.2950


 70.5626, 0.3259,
0.3045

 16.2279, 0.3337,
0.2900


 93.1096, 0.3248,
0.3066

 9.6856, 0.3374,
0.2832


120.0108, 0.3238,
0.3084

 5.1910, 0.3426,
0.2736

151.6504, 0.3230,
0.3099

 2.3597, 0.3507,
0.2590

188.4129, 0.3223,
0.3112

 0.8051, 0.3647,
0.2335

230.6828, 0.3217,

 0.0000, 0.5370,

0.3123

0.0000

278.8443, 0.3212,
0.3133

■ 0.0000, 0.0000,
0.0000

■ 36.9934, 0.3289,
0.2989

■ 36.9934, 0.3289,
0.2989

■ 30.9451, 0.3393,
0.2830

■ 44.0620, 0.3201,
0.3144

■ 25.8643, 0.3515,
0.2673

■ 52.1906, 0.3126,
0.3292

■ 21.7012, 0.3655,
0.2525

■ 61.4227, 0.3064,
0.3431

■ 18.3993, 0.3812,
0.2395

■ 71.7979, 0.3013,
0.3560

■ 15.8958, 0.3982,
0.2295

■ 83.3540, 0.2970,
0.3679

■ 14.1193, 0.4161,
0.2237

■ 87.8231, 0.2931,
0.3660

■ 12.9857, 0.4342,
0.2228

■ 88.2343, 0.2891,
0.3575

■ 12.3316, 0.4519,
0.2264

■ 88.6638, 0.2852,
0.3492

■ 12.3240, 0.4522,
0.2265

■ 89.1118, 0.2813,
0.3409

Harmonies

Analogous

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



36.9934, 0.2996, 0.2850



36.9934, 0.3289, 0.2989



36.9934, 0.3547, 0.3201

Triad

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



36.9934, 0.3289, 0.2989



36.9934, 0.3504, 0.3790



36.9934, 0.2596, 0.3095

Complementary

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



36.9934, 0.3289, 0.2989



46.8476, 0.2994, 0.3612

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.



36.9934, 0.2719, 0.3363



36.9934, 0.3289, 0.2989



36.9934, 0.3238, 0.3782

Square

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



36.9934, 0.3289, 0.2989



36.9934, 0.3672, 0.3659



36.9934, 0.2951, 0.3622



36.9934, 0.2607, 0.2899

Rectangle

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



36.9934, 0.3289, 0.2989



36.9934, 0.3659, 0.3362



36.9934, 0.2951, 0.3622



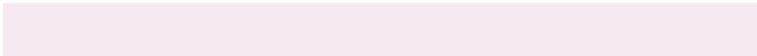
36.9934, 0.2622, 0.3179

Sweetspot

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



36.9950, 0.3289, 0.2989



84.2185, 0.3171, 0.3201



34.8261, 0.2931, 0.2770



18.2867, 0.3176, 0.3191



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.



36.9950, 0.3289, 0.2989



61.1762, 0.3334, 0.2918



36.3103, 0.3471, 0.3232



9.6308, 0.3196, 0.3152



8.1186, 0.4499, 0.2252



0.3305, 0.4113, 0.2039

Inverse Universe

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



36.9950, 0.3289, 0.2989



61.1762, 0.3334, 0.2918



47.5889, 0.2864, 0.3350



9.6308, 0.3196, 0.3152



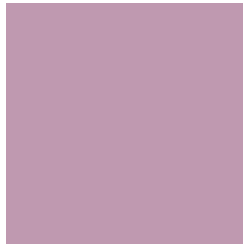
8.1186, 0.4499, 0.2252



0.3305, 0.4113, 0.2039

Previews

White Background



This preview shows how the Yxy color 36.9934, 0.3289, 0.2989 looks on a white background.

Color Contrast Check

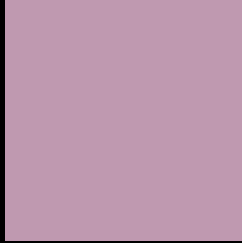
Large Text (above 18pt) WCAG AA × Fail

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 36.9934, 0.3289, 0.2989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

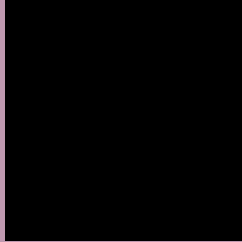
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.9934, 0.3289, 0.2989

Background



This preview shows how black text looks on a background with the Yxy color 36.9934, 0.3289, 0.2989.



This preview shows how white text looks on a background with the Yxy color 36.9934, 0.3289, 0.2989.

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

36.9934, 0.3289, 0.2989

Protanopia

37.2532, 0.2957, 0.3023

Deuteranopia

37.0054, 0.3137, 0.3070



Tritanopia

37.1799, 0.3363, 0.3131

Trichromacy



Original Color

36.9934, 0.3289, 0.2989

Protanomaly

36.9758, 0.3075, 0.3002

Deuteranomaly

37.0328, 0.3197, 0.3047

Tritanomaly

36.9606, 0.3336, 0.3078

Monochromacy



Original Color

36.9934, 0.3289, 0.2989

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.9730, 0.3189, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9934, 0.3289, 0.2989 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(191, 153, 176)` looks like.

```
.text, #text, p{  
    color:rgb(191, 153, 176)  
}
```

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(191, 153, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 153, 176) }
```

Border

The CSS property to change the border of an element to Yxy 36.9934, 0.3289, 0.2989 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(191, 153, 176) }
```

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

```
.border{ border-color:rgb(191, 153, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 153, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 153, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 153, 176);  
box-shadow:4px 4px 4px 4px rgb(191, 153,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9934, 0.3289, 0.2989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 153, 176) }
```

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

```
.background{ background-color: rgb(191,  
153, 176) }
```

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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