

Converting Colors

$Yxy(41.8800, 0.3189, 0.3039)$

Have a look what the booklet for
Yxy(41.8800, 0.3189, 0.3039)
contains.

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Color

Yxy(41.8940, 0.3185, 0.3034)

Conversions

Conversions Part 1

Format	Color
Hex	BFA6BA
RGB	191, 166, 186
RGB Percent	75%, 65%, 73%
CMY	0.2511, 0.3490, 0.2707
CMYK	0.00, 0.13, 0.03, 0.25
HSL	312°, 16%, 70%
HSV	312°, 13%, 75%
XYZ	43.9790, 41.8940, 52.2087
YIQ	175.7550, 8.4800, 11.5200

Conversions

Conversions Part 2

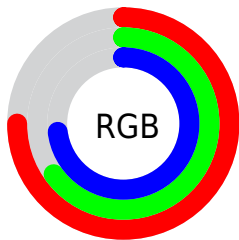
Format	Color
R _Y B	191, 166, 186
Decimal	12560058
CIE Lab	70.80, 12.60, -6.89
CIE LCh	71, 14.360, 331.335
Yxy	41.8940, 0.3185, 0.3034
Android (android.graphics.Color)	4290750138 (0xFFBFA6BA)
YUV	175.7550, 5.0508, 13.3699
Hunter-Lab	64.7256, 8.0155, -2.5164

Details

The Yxy color **41.8940, 0.3185, 0.3034** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.3028, 0.3074, 0.3560**, and the grayscale version is **43.2512, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.8979, 0.3172, 0.3080**, and **19.0464, 0.3194, 0.2958** is the 20% darker color. If you saturate the color by 10%, you get **35.2989, 0.3237, 0.2831**, and if you desaturate by 10%, it is **49.5282, 0.3140, 0.3231**.

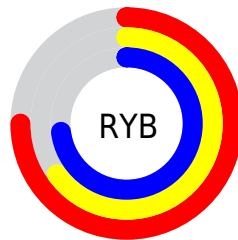
Distribution



Red (75%)

Green (65%)

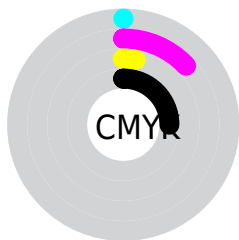
Blue (73%)



Red (75%)

Yellow (65%)

Blue (73%)

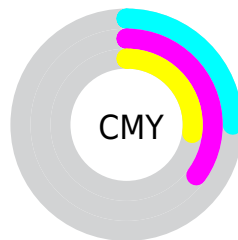


Cyan (0%)

Magenta (13%)

Yellow (3%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.8940, 0.3185, 0.3034 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 41.8940, 0.3185, 0.3034 by changing the saturation by 10% instead.

 41.8940, 0.3185,
0.3034

 41.8940, 0.3185,
0.3034

354.0433, 0.3157,
0.3162

 29.0183, 0.3192,
0.3002


 78.0392, 0.3175,
0.3080

 19.0947, 0.3201,
0.2961


 102.0774, 0.3171,
0.3098

 11.7387, 0.3212,
0.2907


130.6053, 0.3168,
0.3113

 6.5660, 0.3227,
0.2831

164.0073, 0.3165,
0.3125

 3.1922, 0.3250,
0.2718

202.6677, 0.3163,
0.3136

 1.2329, 0.3284,
0.2532

246.9709, 0.3160,

 0.0883, 0.3702,

0.3146

0.0835

297.3013, 0.3158,
0.3154

■ 0.0000, 0.0000,
0.0000

■ 41.8940, 0.3185,
0.3034

■ 41.8940, 0.3185,
0.3034

■ 35.2989, 0.3237,
0.2831

■ 49.5282, 0.3140,
0.3231

■ 29.6921, 0.3296,
0.2628

■ 58.2385, 0.3101,
0.3419

■ 25.0268, 0.3362,
0.2431

■ 68.0669, 0.3068,
0.3595

■ 21.2501, 0.3434,
0.2250

■ 79.0514, 0.3040,
0.3759

■ 18.3039, 0.3510,
0.2095

■ 87.0073, 0.3017,
0.3845

■ 16.1235, 0.3588,
0.1975

■ 87.1947, 0.2996,
0.3800

■ 14.6340, 0.3667,
0.1897

■ 87.3865, 0.2976,
0.3756

■ 13.7459, 0.3742,
0.1866

■ 87.5830, 0.2955,
0.3713

■ 13.3637, 0.3793,
0.1863

■ 87.7841, 0.2935,
0.3669

Harmonies

Analogous

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



41.8940, 0.2977, 0.2952



41.8940, 0.3185, 0.3034



41.8940, 0.3383, 0.3179

Triad

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



41.8940, 0.3185, 0.3034



41.8940, 0.3444, 0.3633



41.8940, 0.2756, 0.3205

Complementary

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



41.8940, 0.3185, 0.3034



48.3028, 0.3074, 0.3560

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.



41.8940, 0.2874, 0.3400



41.8940, 0.3185, 0.3034



41.8940, 0.3269, 0.3653

Square

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



41.8940, 0.3185, 0.3034



41.8940, 0.3535, 0.3521



41.8940, 0.3060, 0.3568



41.8940, 0.2735, 0.3043

Rectangle

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



41.8940, 0.3185, 0.3034



41.8940, 0.3480, 0.3295



41.8940, 0.3060, 0.3568



41.8940, 0.2786, 0.3269

Sweetspot

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



41.8958, 0.3185, 0.3034



87.2856, 0.3144, 0.3212



39.6974, 0.2965, 0.2954



18.9268, 0.3147, 0.3197



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.



41.8958, 0.3185, 0.3034



71.0961, 0.3201, 0.2970



41.3884, 0.3295, 0.3193



9.6626, 0.3167, 0.3108



8.7961, 0.3784, 0.1858



0.3530, 0.3622, 0.1769

Inverse Universe

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



41.8958, 0.3185, 0.3034



71.0961, 0.3201, 0.2970



48.8011, 0.2983, 0.3389



9.6626, 0.3167, 0.3108



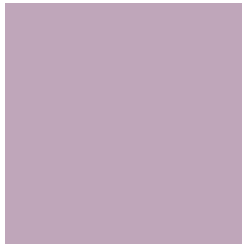
8.7961, 0.3784, 0.1858



0.3530, 0.3622, 0.1769

Previews

White Background



This preview shows how the Yxy color 41.8940, 0.3185, 0.3034 looks on a white background.

Color Contrast Check

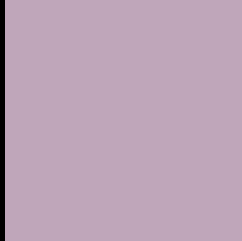
Large Text (above 18pt) WCAG AA × Fail

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 41.8940, 0.3185, 0.3034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

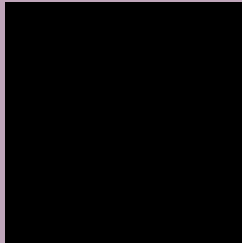
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.8940, 0.3185, 0.3034

Background



This preview shows how black text looks on a background with the Yxy color 41.8940, 0.3185, 0.3034.



This preview shows how white text looks on a background with the Yxy color 41.8940, 0.3185, 0.3034.

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

41.8940, 0.3185, 0.3034

Protanopia

41.9934, 0.2982, 0.3049

Deuteranopia

41.8647, 0.3129, 0.3056



Tritanopia

41.8799, 0.3227, 0.3122

Trichromacy



Original Color

41.8940, 0.3185, 0.3034

Protanomaly

42.0073, 0.3050, 0.3040

Deuteranomaly

41.7474, 0.3148, 0.3044

Tritanomaly

41.9620, 0.3210, 0.3096

Monochromacy



Original Color

41.8940, 0.3185, 0.3034

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.6241, 0.3141, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8940, 0.3185, 0.3034 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, 166, 186)` looks like.

```
.text, #text, p{  
    color:rgb(191, 166, 186)  
}
```

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, 166, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 166, 186) }
```

Border

The CSS property to change the border of an element to Yxy 41.8940, 0.3185, 0.3034 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, 166, 186) }
```

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

```
.border{ border-color:rgb(191, 166, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 166, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 166, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 166, 186);  
box-shadow:4px 4px 4px 4px rgb(191, 166,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8940, 0.3185, 0.3034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 166, 186) }
```

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

```
.background{ background-color: rgb(191,  
166, 186) }
```

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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