

Converting Colors

$Yxy(34.3805, 0.3171, 0.2986)$

Have a look what the booklet for
Yxy(34.3805, 0.3171, 0.2986)
contains.

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Color

Yxy(34.3805, 0.3171, 0.2986)

Conversions

Conversions Part 1

Format	Color
Hex	B097AD
RGB	176, 151, 173
RGB Percent	69%, 59%, 68%
CMY	0.3099, 0.4078, 0.3216
CMYK	0.00, 0.14, 0.02, 0.31
HSL	307°, 14%, 64%
HSV	307°, 14%, 69%
XYZ	36.5106, 34.3805, 44.2479
YIQ	160.9830, 7.8380, 12.1420

Conversions

Conversions Part 2

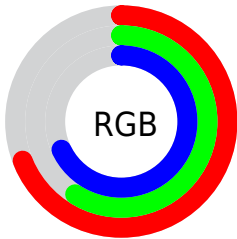
Format	Color
R_{YB}	176, 151, 173
Decimal	11573165
CIE Lab	65.26, 13.19, -8.03
CIE LCh	65, 15.444, 328.667
Yxy	34.3805, 0.3171, 0.2986
Android (android.graphics.Color)	4289763245 (0xFFB097AD)
YUV	160.9830, 5.9244, 13.1699
Hunter-Lab	58.6349, 8.5367, -3.6979

Details

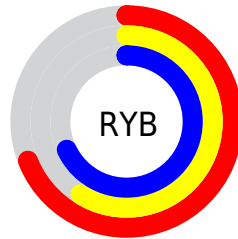
The Yxy color $34.3805, 0.3171, 0.2986$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $39.9560, 0.3086, 0.3614$, and the grayscale version is $35.6015, 0.3127, 0.3290$.

A 20% lighter version of the original color is $66.4199, 0.3169, 0.3045$, and $14.7058, 0.3175, 0.2886$ is the 20% darker color. If you saturate the color by 10%, you get $29.0530, 0.3207, 0.2766$, and if you desaturate by 10%, it is $40.5578, 0.3139, 0.3202$.

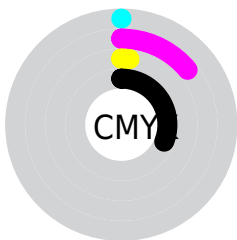
Distribution



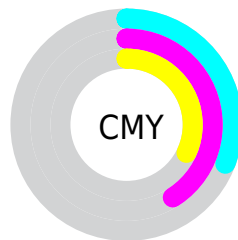
- Red (69%)
- Green (59%)
- Blue (68%)



- Red (69%)
- Yellow (59%)
- Blue (68%)



- Cyan (0%)
- Magenta (14%)
- Yellow (2%)
- Black (31%)





- Cyan (31%)
- Magenta (41%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3805, 0.3171, 0.2986 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 34.3805, 0.3171, 0.2986 by changing the saturation by 10% instead.


 34.3805, 0.3171,
0.2986


 34.3805, 0.3171,
0.2986


321.8254, 0.3150,
0.3142

 23.1861, 0.3176,
0.2946


 66.5249, 0.3163,
0.3044

 14.7310, 0.3183,
0.2893

 88.2437, 0.3160,
0.3065

 8.6308, 0.3191,
0.2821


114.2394, 0.3158,
0.3083

 4.5011, 0.3202,
0.2718

144.8964, 0.3156,
0.3098

 1.9577, 0.3217,
0.2558

180.5991, 0.3154,
0.3112

 0.5827, 0.3277,
0.2179

221.7319, 0.3152,

 0.0000, 0.0000,

0.3123

0.0000

268.6792, 0.3151,
0.3133

■ 34.3805, 0.3171,
0.2986

■ 34.3805, 0.3171,
0.2986

■ 29.0530, 0.3207,
0.2766

■ 40.5578, 0.3139,
0.3202

■ 24.5334, 0.3246,
0.2547

■ 47.6155, 0.3111,
0.3409

■ 20.7832, 0.3288,
0.2338

■ 55.5879, 0.3087,
0.3604

■ 17.7587, 0.3333,
0.2147

■ 64.5066, 0.3066,
0.3786

■ 15.4120, 0.3379,
0.1984

■ 74.4013, 0.3049,
0.3954

■ 13.6896, 0.3425,
0.1858

■ 84.2757, 0.3034,
0.4092

■ 12.5295, 0.3469,
0.1773

■ 84.3653, 0.3023,
0.4067

■ 11.8574, 0.3510,
0.1732

■ 84.4563, 0.3012,
0.4042

■ 11.5942, 0.3533,
0.1720

■ 84.5486, 0.3000,
0.4016

Harmonies

Analogous

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



34.3805, 0.2935, 0.2900



34.3805, 0.3171, 0.2986



34.3805, 0.3403, 0.3146

Triad

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



34.3805, 0.3171, 0.2986



34.3805, 0.3505, 0.3676



34.3805, 0.2710, 0.3210

Complementary

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



34.3805, 0.3171, 0.2986



39.9560, 0.3086, 0.3614

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.



34.3805, 0.2852, 0.3436



34.3805, 0.3171, 0.2986



34.3805, 0.3309, 0.3712

Square

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



34.3805, 0.3171, 0.2986



34.3805, 0.3599, 0.3538



34.3805, 0.3070, 0.3624



34.3805, 0.2676, 0.3019

Rectangle

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



34.3805, 0.3171, 0.2986



34.3805, 0.3521, 0.3276



34.3805, 0.3070, 0.3624



34.3805, 0.2747, 0.3285

Sweetspot

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



34.3820, 0.3171, 0.2986



73.7189, 0.3139, 0.3205



32.1334, 0.2931, 0.2923



15.7843, 0.3141, 0.3189



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



34.3820, 0.3171, 0.2986



59.2057, 0.3182, 0.2918



33.9233, 0.3290, 0.3156



8.6289, 0.3155, 0.3092



8.5147, 0.3530, 0.1718



0.2728, 0.3429, 0.1662

Inverse Universe

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



34.3820, 0.3171, 0.2986



59.2057, 0.3182, 0.2918



40.3915, 0.2988, 0.3428



8.6289, 0.3155, 0.3092



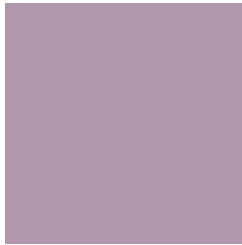
8.5147, 0.3530, 0.1718



0.2728, 0.3429, 0.1662

Previews

White Background



This preview shows how the Yxy color 34.3805, 0.3171, 0.2986 looks on a white background.

Color Contrast Check

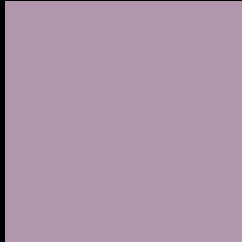
Large Text (above 18pt) WCAG AA × Fail

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 34.3805, 0.3171, 0.2986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

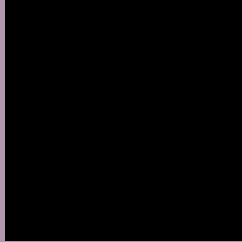
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.3805, 0.3171, 0.2986

Background



This preview shows how black text looks on a background with the Yxy color 34.3805, 0.3171, 0.2986.



This preview shows how white text looks on a background with the Yxy color 34.3805, 0.3171, 0.2986.

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

34.3805, 0.3171, 0.2986

Protanopia

34.3562, 0.2943, 0.3000

Deuteranopia

34.4146, 0.3100, 0.3035



Tritanopia

34.2508, 0.3246, 0.3122

Trichromacy



Original Color

34.3805, 0.3171, 0.2986

Protanomaly

34.3638, 0.3017, 0.2991

Deuteranomaly

34.4190, 0.3130, 0.3023

Tritanomaly

34.3605, 0.3217, 0.3080

Monochromacy



Original Color

34.3805, 0.3171, 0.2986

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.9375, 0.3142, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3805, 0.3171, 0.2986 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(176, 151, 173)` looks like.

```
.text, #text, p{  
    color:rgb(176, 151, 173)  
}
```

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(176, 151, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 151, 173) }
```

Border

The CSS property to change the border of an element to Yxy 34.3805, 0.3171, 0.2986 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(176, 151, 173) }
```

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

```
.border{ border-color:rgb(176, 151, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 151, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 151, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 151, 173);  
box-shadow:4px 4px 4px 4px rgb(176, 151,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3805, 0.3171, 0.2986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 151, 173) }
```

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

```
.background{ background-color: rgb(176,  
151, 173) }
```

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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