

Converting Colors

$Y_{xy}(43.4050, 0.3146, 0.3084)$

Have a look what the booklet for
Yxy(43.4050, 0.3146, 0.3084)
contains.

Yxy(43.4050, 0.3146, 0.3084)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.4050, 0.3146, 0.3084)

Conversions

Conversions Part 1

Format	Color
Hex	BCABBB
RGB	188, 171, 187
RGB Percent	74%, 67%, 73%
CMY	0.2626, 0.3294, 0.2666
CMYK	0.00, 0.09, 0.01, 0.26
HSL	304°, 11%, 70%
HSV	304°, 9%, 74%
XYZ	44.2776, 43.4050, 53.0599
YIQ	177.9070, 4.9960, 8.5800

Conversions

Conversions Part 2

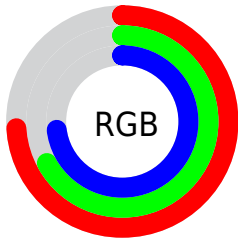
Format	Color
R_{YB}	188, 171, 187
Decimal	12364731
CIE _{Lab}	71.83, 9.03, -5.96
CIE _{LCh}	72, 10.816, 326.584
Yxy	43.4050, 0.3146, 0.3084
Android (android.graphics.Color)	4290554811 (0xFFBCABBB)
YUV	177.9070, 4.4828, 8.8516
Hunter-Lab	65.8825, 4.6701, -1.6328

Details

The Yxy color **43.4050, 0.3146, 0.3084** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.6170, 0.3109, 0.3505**, and the grayscale version is **44.4458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0969, 0.3142, 0.3119**, and **20.0658, 0.3152, 0.3027** is the 20% darker color. If you saturate the color by 10%, you get **36.7534, 0.3169, 0.2851**, and if you desaturate by 10%, it is **51.0712, 0.3125, 0.3311**.

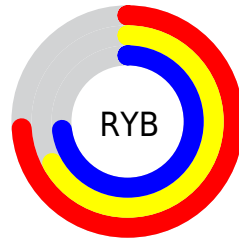
Distribution



Red (74%)

Green (67%)

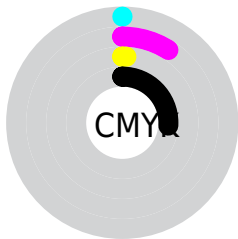
Blue (73%)



Red (74%)

Yellow (67%)

Blue (73%)

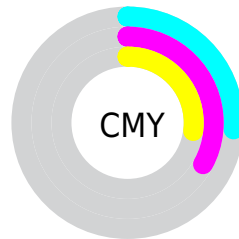


Cyan (0%)

Magenta (9%)

Yellow (1%)

Black (26%)



Cyan (26%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.4050, 0.3146, 0.3084 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 43.4050, 0.3146, 0.3084 by changing the saturation by 10% instead.

■ 43.4050, 0.3146,
0.3084

■ 43.4050, 0.3146,
0.3084

360.2747, 0.3137,
0.3187

■ 30.2030, 0.3148,
0.3058

■ 80.3217, 0.3143,
0.3121

■ 19.9927, 0.3150,
0.3026

104.8051, 0.3142,
0.3135

■ 12.3898, 0.3154,
0.2982

133.8179, 0.3141,
0.3147

■ 7.0097, 0.3158,
0.2921

167.7443, 0.3140,
0.3157

■ 3.4682, 0.3163,
0.2831

206.9688, 0.3139,
0.3166

■ 1.3808, 0.3169,
0.2682

251.8758, 0.3138,

■ 0.2025, 0.3297,

0.3174

0.1617

302.8496, 0.3138,
0.3181

0.0000, 0.0000,
0.0000

43.4050, 0.3146,
0.3084

43.4050, 0.3146,
0.3084

36.7534, 0.3169,
0.2851

51.0712, 0.3125,
0.3311

31.0683, 0.3193,
0.2617

59.7864, 0.3107,
0.3527

26.3062, 0.3219,
0.2390

69.5901, 0.3090,
0.3729

22.4179, 0.3246,
0.2179

80.5182, 0.3076,
0.3917

19.3499, 0.3273,
0.1993

86.0514, 0.3067,
0.3992

■ 17.0425, 0.3299,
0.1842

■ 86.1021, 0.3060,
0.3979

■ 15.4282, 0.3323,
0.1731

■ 86.1532, 0.3054,
0.3966

■ 14.4275, 0.3345,
0.1662

■ 86.2047, 0.3048,
0.3953

■ 13.8999, 0.3365,
0.1631

■ 86.2566, 0.3042,
0.3939

Harmonies

Analogous

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



43.4050, 0.2993, 0.3032



43.4050, 0.3146, 0.3084



43.4050, 0.3297, 0.3188

Triad

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



43.4050, 0.3146, 0.3084



43.4050, 0.3379, 0.3537



43.4050, 0.2859, 0.3251

Complementary

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



43.4050, 0.3146, 0.3084



47.6170, 0.3109, 0.3505

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.



43.4050, 0.2958, 0.3394



43.4050, 0.3146, 0.3084



43.4050, 0.3257, 0.3562

Square

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



43.4050, 0.3146, 0.3084



43.4050, 0.3433, 0.3446



43.4050, 0.3103, 0.3509



43.4050, 0.2831, 0.3123

Rectangle

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



43.4050, 0.3146, 0.3084



43.4050, 0.3375, 0.3274



43.4050, 0.3103, 0.3509



43.4050, 0.2885, 0.3299

Sweetspot

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



43.4069, 0.3146, 0.3084



86.7627, 0.3133, 0.3222



41.5087, 0.2996, 0.3061



18.4149, 0.3135, 0.3203



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.



43.4069, 0.3146, 0.3084



75.9346, 0.3151, 0.3035



43.0598, 0.3217, 0.3190



9.6861, 0.3147, 0.3077



9.4352, 0.3364, 0.1627



0.3726, 0.3324, 0.1605

Inverse Universe

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



43.4069, 0.3146, 0.3084



75.9346, 0.3151, 0.3035



47.9478, 0.3046, 0.3392



9.6861, 0.3147, 0.3077



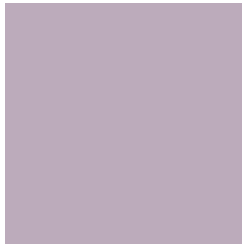
9.4352, 0.3364, 0.1627



0.3726, 0.3324, 0.1605

Previews

White Background



This preview shows how the Yxy color 43.4050, 0.3146, 0.3084 looks on a white background.

Color Contrast Check

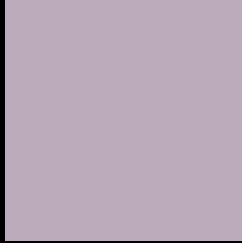
Large Text (above 18pt) WCAG AA × Fail

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 43.4050, 0.3146, 0.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

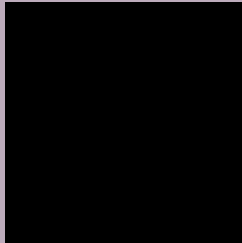
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.4050, 0.3146, 0.3084

Background



This preview shows how black text looks on a background with the Yxy color 43.4050, 0.3146, 0.3084.



This preview shows how white text looks on a background with the Yxy color 43.4050, 0.3146, 0.3084.

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

43.4050, 0.3146, 0.3084

Protanopia

43.4480, 0.3015, 0.3105

Deuteranopia

43.4050, 0.3146, 0.3084



Tritanopia

43.3200, 0.3162, 0.3109

Trichromacy



Original Color

43.4050, 0.3146, 0.3084

Protanomaly

43.6062, 0.3066, 0.3107

Deuteranomaly

43.4050, 0.3146, 0.3084

Tritanomaly

43.3624, 0.3154, 0.3097

Monochromacy



Original Color

43.4050, 0.3146, 0.3084

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.9412, 0.3140, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4050, 0.3146, 0.3084 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, 171, 187)` looks like.

```
.text, #text, p{  
    color:rgb(188, 171, 187)  
}
```

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, 171, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 171, 187) }
```

Border

The CSS property to change the border of an element to Yxy 43.4050, 0.3146, 0.3084 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, 171, 187) }
```

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

```
.border{ border-color:rgb(188, 171, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 171, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 171, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 171, 187);  
box-shadow:4px 4px 4px 4px rgb(188, 171,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4050, 0.3146, 0.3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 171, 187) }
```

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

```
.background{ background-color: rgb(188,  
171, 187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor