

Converting Colors

$Yxy(43.7956, 0.3150, 0.3066)$

Have a look what the booklet for
Yxy(43.7956, 0.3150, 0.3066)
contains.

Yxy(43.7471, 0.3147, 0.3060)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.7471, 0.3147, 0.3060)

Conversions

Conversions Part 1

Format	Color
Hex	BEABBD
RGB	190, 171, 189
RGB Percent	75%, 67%, 74%
CMY	0.2548, 0.3294, 0.2588
CMYK	0.00, 0.10, 0.01, 0.25
HSL	303°, 13%, 71%
HSV	303°, 10%, 75%
XYZ	44.9909, 43.7471, 54.2264
YIQ	178.7330, 5.5460, 9.6260

Conversions

Conversions Part 2

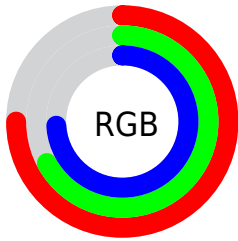
Format	Color
RYB	190, 171, 189
Decimal	12495805
CIELab	72.06, 10.11, -6.70
CIELCh	72, 12.128, 326.439
Yxy	43.7471, 0.3147, 0.3060
Android (android.graphics.Color)	4290685885 (0xFFBEABBD)
YUV	178.7330, 5.0616, 9.8812
Hunter-Lab	66.1416, 5.6716, -2.3100

Details

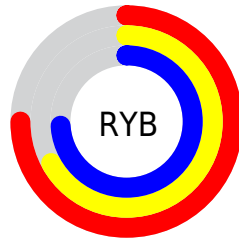
The Yxy color **43.7471, 0.3147, 0.3060** is a light color, and the websafe version is hex **999999**. A complement of this color would be **48.4773, 0.3108, 0.3531**, and the grayscale version is **44.9034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5781, 0.3143, 0.3100**, and **20.2896, 0.3153, 0.2996** is the 20% darker color. If you saturate the color by 10%, you get **37.0351, 0.3169, 0.2825**, and if you desaturate by 10%, it is **51.4953, 0.3127, 0.3290**.

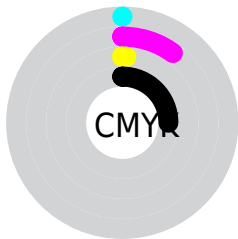
Distribution



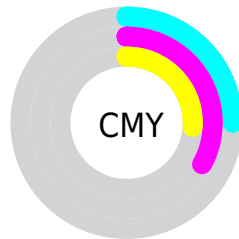
- Red (75%)
- Green (67%)
- Blue (74%)



- Red (75%)
- Yellow (67%)
- Blue (74%)



- Cyan (0%)
- Magenta (10%)
- Yellow (1%)
- Black (25%)





- Cyan (25%)
- Magenta (33%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.7471, 0.3147, 0.3060 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 43.7471, 0.3147, 0.3060 by changing the saturation by 10% instead.


 43.7471, 0.3147,
0.3060

 43.7471, 0.3147,
0.3060


361.6753, 0.3138,
0.3174

 30.4717, 0.3149,
0.3032


 80.8371, 0.3144,
0.3101

 20.1969, 0.3152,
0.2995


105.4204, 0.3143,
0.3117

 12.5383, 0.3155,
0.2947


134.5420, 0.3142,
0.3130

 7.1114, 0.3158,
0.2881

168.5860, 0.3141,
0.3142

 3.5319, 0.3163,
0.2782

207.9369, 0.3140,
0.3151

 1.4153, 0.3168,
0.2620

252.9792, 0.3139,

 0.2280, 0.3290,

0.3160

0.1619

304.0972, 0.3138,
0.3168

■ 0.0000, 0.0000,
0.0000

■ 43.7471, 0.3147,
0.3060

■ 43.7471, 0.3147,
0.3060

■ 37.0351, 0.3169,
0.2825

■ 51.4953, 0.3127,
0.3290

■ 31.3098, 0.3192,
0.2589

■ 60.3151, 0.3109,
0.3509

■ 26.5261, 0.3216,
0.2362

■ 70.2476, 0.3093,
0.3714

■ 22.6332, 0.3241,
0.2152

■ 81.3296, 0.3079,
0.3905

■ 19.5754, 0.3266,
0.1969

■ 86.3704, 0.3071,
0.3974

■ 17.2911, 0.3289,
0.1820

■ 86.4162, 0.3065,
0.3962

■ 15.7098, 0.3311,
0.1713

■ 86.4622, 0.3060,
0.3950

■ 14.7485, 0.3330,
0.1648

■ 86.5086, 0.3054,
0.3938

■ 14.2425, 0.3348,
0.1618

■ 86.5552, 0.3049,
0.3926

Harmonies

Analogous

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



43.7471, 0.2977, 0.3002



43.7471, 0.3147, 0.3060



43.7471, 0.3316, 0.3175

Triad

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



43.7471, 0.3147, 0.3060



43.7471, 0.3409, 0.3565



43.7471, 0.2828, 0.3246

Complementary

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



43.7471, 0.3147, 0.3060



48.4773, 0.3108, 0.3531

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.



43.7471, 0.2938, 0.3407



43.7471, 0.3147, 0.3060



43.7471, 0.3273, 0.3595

Square

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



43.7471, 0.3147, 0.3060



43.7471, 0.3469, 0.3463



43.7471, 0.3100, 0.3537



43.7471, 0.2796, 0.3104

Rectangle

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



43.7471, 0.3147, 0.3060



43.7471, 0.3404, 0.3271



43.7471, 0.3100, 0.3537



43.7471, 0.2857, 0.3300

Sweetspot

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



43.7490, 0.3147, 0.3060



88.8291, 0.3133, 0.3221



41.6061, 0.2981, 0.3035



19.2502, 0.3135, 0.3202



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.



43.7490, 0.3147, 0.3060



76.4481, 0.3152, 0.3009



43.3515, 0.3227, 0.3180



9.6873, 0.3146, 0.3076



9.4705, 0.3346, 0.1617



0.3737, 0.3310, 0.1597

Inverse Universe

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



43.7490, 0.3147, 0.3060



76.4481, 0.3152, 0.3009



48.8538, 0.3037, 0.3403



9.6873, 0.3146, 0.3076



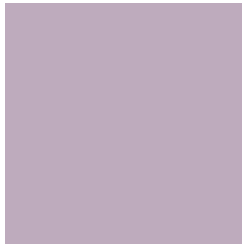
9.4705, 0.3346, 0.1617



0.3737, 0.3310, 0.1597

Previews

White Background



This preview shows how the Yxy color 43.7471, 0.3147, 0.3060 looks on a white background.

Color Contrast Check

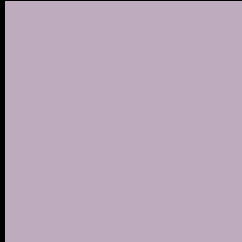
Large Text (above 18pt) WCAG AA × Fail

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 43.7471, 0.3147, 0.3060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

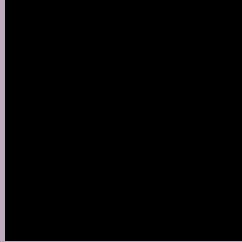
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.7471, 0.3147, 0.3060

Background



This preview shows how black text looks on a background with the Yxy color 43.7471, 0.3147, 0.3060.



This preview shows how white text looks on a background with the Yxy color 43.7471, 0.3147, 0.3060.

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

43.7471, 0.3147, 0.3060

Protanopia

43.9704, 0.2992, 0.3079

Deuteranopia

43.8705, 0.3129, 0.3072



Tritanopia

43.8266, 0.3171, 0.3123

Trichromacy



Original Color

43.7471, 0.3147, 0.3060

Protanomaly

43.7370, 0.3042, 0.3068

Deuteranomaly

43.9980, 0.3137, 0.3073

Tritanomaly

43.8690, 0.3162, 0.3110

Monochromacy



Original Color

43.7471, 0.3147, 0.3060

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.5368, 0.3131, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7471, 0.3147, 0.3060 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(190, 171, 189)` looks like.

```
.text, #text, p{  
    color:rgb(190, 171, 189)  
}
```

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(190, 171, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 171, 189) }
```

Border

The CSS property to change the border of an element to Yxy 43.7471, 0.3147, 0.3060 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(190, 171, 189) }
```

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

```
.border{ border-color:rgb(190, 171, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 171, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 171, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 171, 189);  
box-shadow:4px 4px 4px 4px rgb(190, 171,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7471, 0.3147, 0.3060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 171, 189) }
```

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

```
.background{ background-color: rgb(190,  
171, 189) }
```

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