

Converting Colors

$Yxy(44.9085, 0.3075, 0.3096)$

Have a look what the booklet for
Yxy(44.9085, 0.3075, 0.3096)
contains.

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Color

Yxy(45.0026, 0.3076, 0.3097)

Conversions

Conversions Part 1

Format	Color
Hex	B8B0BF
RGB	184, 176, 191
RGB Percent	72%, 69%, 75%
CMY	0.2784, 0.3098, 0.2510
CMYK	0.04, 0.08, 0.00, 0.25
HSL	272°, 10%, 72%
HSV	272°, 8%, 75%
XYZ	44.6974, 45.0026, 55.6103
YIQ	180.1020, -0.0470, 6.3610

Conversions

Conversions Part 2

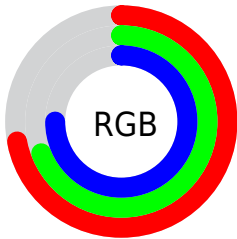
Format	Color
RYB	184, 176, 191
Decimal	12103871
CIELab	72.89, 5.66, -6.60
CIELCh	73, 8.697, 310.604
Yxy	45.0026, 0.3076, 0.3097
Android (android.graphics.Color)	4290293951 (0xFFB8B0BF)
YUV	180.1020, 5.3727, 3.4185
Hunter-Lab	67.0840, 1.5360, -2.1905

Details

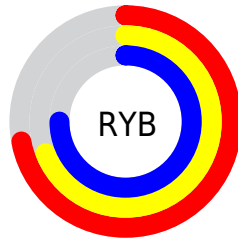
The Yxy color `45.0026, 0.3076, 0.3097` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `50.4523, 0.3175, 0.3484`, and the grayscale version is `45.6716, 0.3127, 0.3290`.

A 20% lighter version of the original color is `82.9539, 0.3087, 0.3139`, and `21.0756, 0.3056, 0.3044` is the 20% darker color. If you saturate the color by 10%, you get `36.9716, 0.3001, 0.2834`, and if you desaturate by 10%, it is `54.1599, 0.3140, 0.3341`.

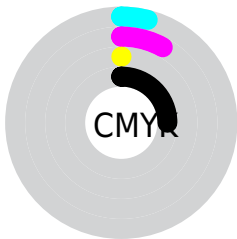
Distribution



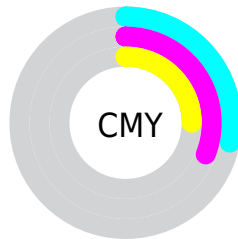
- Red (72%)
- Green (69%)
- Blue (75%)



- Red (72%)
- Yellow (69%)
- Blue (75%)



- Cyan (4%)
- Magenta (8%)
- Yellow (0%)
- Black (25%)



- Cyan (28%)
- Magenta (31%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.0026, 0.3076, 0.3097 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 45.0026, 0.3076, 0.3097 by changing the saturation by 10% instead.

■ 45.0026, 0.3076,
0.3097

■ 45.0026, 0.3076,
0.3097

366.7841, 0.3102,
0.3193

■ 31.4595, 0.3069,
0.3073

■ 82.7243, 0.3086,
0.3132

■ 20.9490, 0.3061,
0.3043

107.6717, 0.3089,
0.3145

■ 13.0867, 0.3049,
0.3002

137.1893, 0.3092,
0.3156

■ 7.4883, 0.3032,
0.2946

171.6615, 0.3095,
0.3165

■ 3.7693, 0.3006,
0.2863

211.4726, 0.3097,
0.3174

■ 1.5454, 0.2961,
0.2726

257.0072, 0.3099,

■ 0.3203, 0.2813,

0.3181

0.2036

308.6496, 0.3101,
0.3187

0.0000, 0.0000,
0.0000

45.0026, 0.3076,
0.3097

45.0026, 0.3076,
0.3097

36.9716, 0.3001,
0.2834

54.1599, 0.3140,
0.3341

30.0163, 0.2913,
0.2554

64.4802, 0.3194,
0.3563

24.0903, 0.2814,
0.2264

76.0056, 0.3239,
0.3764

19.1419, 0.2705,
0.1974

88.7744, 0.3276,
0.3945

15.1146, 0.2586,
0.1695

91.8443, 0.3331,
0.3958

■ 11.9459, 0.2463,
0.1442

■ 93.3381, 0.3389,
0.3945

■ 9.5653, 0.2340,
0.1227

■ 94.9076, 0.3449,
0.3932

■ 7.8904, 0.2222,
0.1061

■ 96.5408, 0.3508,
0.3920

■ 6.7981, 0.2113,
0.0947

Harmonies

Analogous

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



45.0026, 0.2967, 0.3083



45.0026, 0.3076, 0.3097



45.0026, 0.3201, 0.3160

Triad

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



45.0026, 0.3076, 0.3097



45.0026, 0.3358, 0.3454



45.0026, 0.2950, 0.3321

Complementary

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



45.0026, 0.3076, 0.3097



50.4523, 0.3175, 0.3484

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.



45.0026, 0.3051, 0.3426



45.0026, 0.3076, 0.3097



45.0026, 0.3287, 0.3502

Square

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



45.0026, 0.3076, 0.3097



45.0026, 0.3365, 0.3364



45.0026, 0.3175, 0.3493



45.0026, 0.2895, 0.3209

Rectangle

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



45.0026, 0.3076, 0.3097



45.0026, 0.3276, 0.3222



45.0026, 0.3175, 0.3493



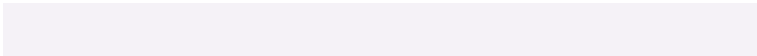
45.0026, 0.2979, 0.3358

Sweetspot

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



45.0045, 0.3076, 0.3097



89.9028, 0.3115, 0.3241



46.8552, 0.3008, 0.3186



19.7788, 0.3115, 0.3244



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.



45.0045, 0.3076, 0.3097



78.6394, 0.3067, 0.3064



45.8644, 0.3140, 0.3107



9.4698, 0.3065, 0.3059



4.3836, 0.2104, 0.0933



0.2103, 0.2361, 0.1074

Inverse Universe

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



45.5431, 0.3202, 0.3201



79.7598, 0.3215, 0.3186



49.6389, 0.3114, 0.3480



9.6082, 0.3217, 0.3184



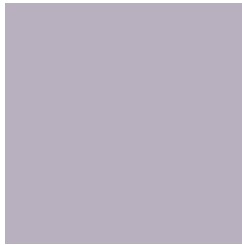
7.7673, 0.5081, 0.2573



0.3175, 0.4518, 0.2263

Previews

White Background



This preview shows how the Yxy color 45.0026, 0.3076, 0.3097 looks on a white background.

Color Contrast Check

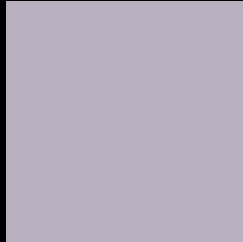
Large Text (above 18pt) WCAG AA × Fail

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 45.0026, 0.3076, 0.3097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

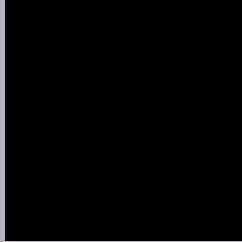
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

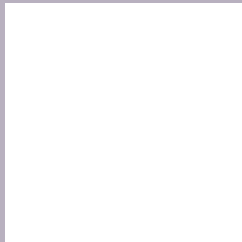
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.0026, 0.3076, 0.3097

Background



This preview shows how black text looks on a background with the Yxy color 45.0026, 0.3076, 0.3097.



This preview shows how white text looks on a background with the Yxy color 45.0026, 0.3076, 0.3097.

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

45.0026, 0.3076, 0.3097

Protanopia

45.1115, 0.3017, 0.3107

Deuteranopia

45.1101, 0.3137, 0.3075



Tritanopia

44.9587, 0.3084, 0.3109

Trichromacy



Original Color

45.0026, 0.3076, 0.3097

Protanomaly

44.9534, 0.3034, 0.3095

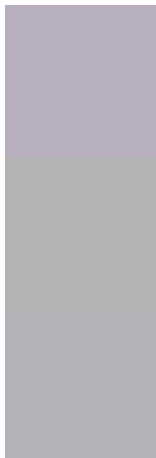
Deuteranomaly

45.1129, 0.3111, 0.3086

Tritanomaly

44.9587, 0.3084, 0.3109

Monochromacy



Original Color

45.0026, 0.3076, 0.3097

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.5246, 0.3104, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0026, 0.3076, 0.3097 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(184, 176, 191)` looks like.

```
.text, #text, p{  
    color:rgb(184, 176, 191)  
}
```

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(184, 176, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 176, 191) }
```

Border

The CSS property to change the border of an element to Yxy 45.0026, 0.3076, 0.3097 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(184, 176, 191) }
```

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

```
.border{ border-color:rgb(184, 176, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 176, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 176, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 176, 191);  
box-shadow:4px 4px 4px 4px rgb(184, 176,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0026, 0.3076, 0.3097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 176, 191) }
```

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

```
.background{ background-color: rgb(184,  
176, 191) }
```

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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