

Converting Colors

$Yxy(46.7174, 0.3007, 0.2977)$

Have a look what the booklet for
Yxy(46.7174, 0.3007, 0.2977)
contains.

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Color

Yxy(46.7174, 0.3007, 0.2977)

Conversions

Conversions Part 1

Format	Color
Hex	BBB2CB
RGB	187, 178, 203
RGB Percent	73%, 70%, 80%
CMY	0.2667, 0.3019, 0.2040
CMYK	0.08, 0.12, 0.00, 0.20
HSL	262°, 19%, 75%
HSV	262°, 12%, 80%
XYZ	47.1882, 46.7174, 63.0222
YIQ	183.5410, -2.6610, 9.6830

Conversions

Conversions Part 2

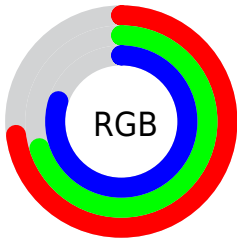
Format	Color
R _Y B	187, 178, 203
Decimal	12301003
CIE Lab	74.01, 7.95, -11.49
CIE LCh	74, 13.970, 304.669
Yxy	46.7174, 0.3007, 0.2977
Android (android.graphics.Color)	4290491083 (0xFFBBB2CB)
YUV	183.5410, 9.5933, 3.0335
Hunter-Lab	68.3501, 3.6217, -6.8232

Details

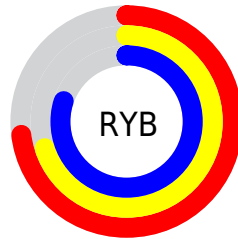
The Yxy color $46.7174, 0.3007, 0.2977$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $57.3934, 0.3237, 0.3598$, and the grayscale version is $47.6132, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.1203, 0.3058, 0.3082$, and $21.9055, 0.2974, 0.2884$ is the 20% darker color. If you saturate the color by 10%, you get $37.6626, 0.2892, 0.2696$, and if you desaturate by 10%, it is $57.1201, 0.3106, 0.3234$.

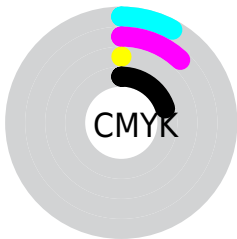
Distribution



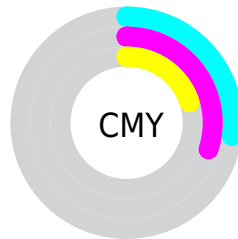
- Red (73%)
- Green (70%)
- Blue (80%)



- Red (73%)
- Yellow (70%)
- Blue (80%)



- Cyan (8%)
- Magenta (12%)
- Yellow (0%)
- Black (20%)



- Cyan (27%)
- Magenta (30%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.7174, 0.3007, 0.2977 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 46.7174, 0.3007, 0.2977 by changing the saturation by 10% instead.

■ 46.7174, 0.3007,
0.2977

■ 46.7174, 0.3007,
0.2977

373.6854, 0.3068,
0.3131

■ 32.8123, 0.2992,
0.2940

■ 85.2916, 0.3029,
0.3032

■ 21.9827, 0.2972,
0.2892

110.7296, 0.3038,
0.3053

■ 13.8442, 0.2945,
0.2830

140.7806, 0.3045,
0.3071

■ 8.0124, 0.2907,
0.2744

175.8290, 0.3051,
0.3086

■ 4.1029, 0.2851,
0.2620

216.2593, 0.3056,
0.3099

■ 1.7313, 0.2756,
0.2425

262.4559, 0.3060,

■ 0.4438, 0.2584,

0.3111

0.1862

314.8031, 0.3064,
0.3121

0.0000, 0.0000,
0.0000

46.7174, 0.3007,
0.2977

46.7174, 0.3007,
0.2977

37.6626, 0.2892,
0.2696

57.1201, 0.3106,
0.3234

29.8935, 0.2762,
0.2395

68.9177, 0.3191,
0.3466

23.3518, 0.2617,
0.2082

82.1621, 0.3263,
0.3674

17.9724, 0.2462,
0.1768

94.1862, 0.3330,
0.3818

13.6839, 0.2300,
0.1470

96.5333, 0.3416,
0.3804

■ 10.4066, 0.2140,
0.1204

■ 97.0912, 0.3436,
0.3800

■ 8.0497, 0.1991,
0.0988

■ 6.5047, 0.1861,
0.0834

■ 5.7229, 0.1776,
0.0752

Harmonies

Analogous

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



46.7174, 0.2847, 0.2969



46.7174, 0.3007, 0.2977



46.7174, 0.3204, 0.3062

Triad

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



46.7174, 0.3007, 0.2977



46.7174, 0.3505, 0.3522



46.7174, 0.2873, 0.3373

Complementary

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



46.7174, 0.3007, 0.2977



57.3934, 0.3237, 0.3598

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.



46.7174, 0.3043, 0.3535



46.7174, 0.3007, 0.2977



46.7174, 0.3409, 0.3619

Square

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



46.7174, 0.3007, 0.2977



46.7174, 0.3496, 0.3370



46.7174, 0.3239, 0.3626



46.7174, 0.2772, 0.3192

Rectangle

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



46.7174, 0.3007, 0.2977



46.7174, 0.3330, 0.3152



46.7174, 0.3239, 0.3626



46.7174, 0.2924, 0.3432

Sweetspot

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



46.7194, 0.3007, 0.2977



92.4449, 0.3090, 0.3191



52.4713, 0.2938, 0.3180



19.4921, 0.3083, 0.3172



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



46.7194, 0.3007, 0.2977



73.6199, 0.2975, 0.2898



48.3324, 0.3110, 0.2987



11.0367, 0.3037, 0.3054



3.6894, 0.1789, 0.0759



0.2328, 0.2014, 0.0883

Inverse Universe

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



48.4368, 0.3214, 0.3095



77.1238, 0.3237, 0.3048



55.8370, 0.3141, 0.3607



11.3327, 0.3192, 0.3143



9.1257, 0.4363, 0.2177



0.4850, 0.4081, 0.2022

Previews

White Background



This preview shows how the Yxy color 46.7174, 0.3007, 0.2977 looks on a white background.

Color Contrast Check

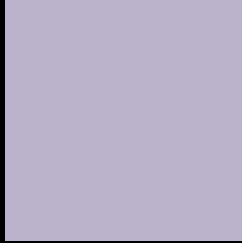
Large Text (above 18pt) WCAG AA × Fail

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 46.7174, 0.3007, 0.2977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

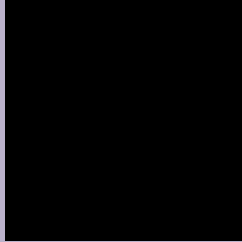
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.7174, 0.3007, 0.2977

Background



This preview shows how black text looks on a background with the Yxy color 46.7174, 0.3007, 0.2977.



This preview shows how white text looks on a background with the Yxy color 46.7174, 0.3007, 0.2977.

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

46.7174, 0.3007, 0.2977

Protanopia

46.9205, 0.2920, 0.2984

Deuteranopia

46.7032, 0.3032, 0.2966



Tritanopia

46.8518, 0.3059, 0.3112

Trichromacy



Original Color

46.7174, 0.3007, 0.2977

Protanomaly

46.8259, 0.2951, 0.2986

Deuteranomaly

46.5749, 0.3024, 0.2966

Tritanomaly

46.7105, 0.3045, 0.3062

Monochromacy



Original Color

46.7174, 0.3007, 0.2977

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.5318, 0.3082, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.7174, 0.3007, 0.2977 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(187, 178, 203)` looks like.

```
.text, #text, p{  
    color:rgb(187, 178, 203)  
}
```

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(187, 178, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 178, 203) }
```

Border

The CSS property to change the border of an element to Yxy 46.7174, 0.3007, 0.2977 is called "border". The border property can be set on classes, ids or directly on the HTML element.

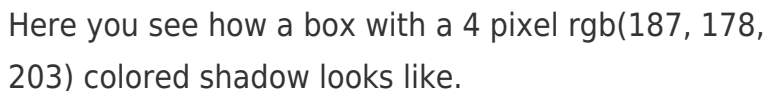
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 178, 203) }
```

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

```
.border{ border-color:rgb(187, 178, 203) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 178, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 178, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 178, 203); box-shadow:4px 4px 4px 4px rgb(187, 178, 203) }
```


Background

The CSS property to change the background color of an element to Yxy 46.7174, 0.3007, 0.2977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 178, 203) }
```

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

```
.background{ background-color: rgb(187,  
178, 203) }
```

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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