

Converting Colors

$Yxy(47.7243, 0.3025, 0.2969)$

Have a look what the booklet for
Yxy(47.7243, 0.3025, 0.2969)
contains.

Yxy(47.7243, 0.3025, 0.2969)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.7243, 0.3025, 0.2969)

Conversions

Conversions Part 1

Format	Color
Hex	BFB3CD
RGB	191, 179, 205
RGB Percent	75%, 70%, 80%
CMY	0.2510, 0.2980, 0.1962
CMYK	0.07, 0.13, 0.00, 0.20
HSL	268°, 21%, 75%
HSV	268°, 13%, 80%
XYZ	48.6245, 47.7243, 64.3932
YIQ	185.5520, -1.1940, 10.6300

Conversions

Conversions Part 2

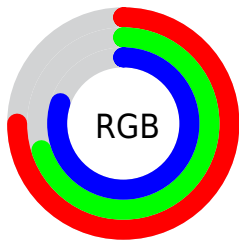
Format	Color
R_{YB}	191, 179, 205
Decimal	12563405
CIE _{Lab}	74.65, 9.16, -11.58
CIE _{LCh}	75, 14.764, 308.326
Yxy	47.7243, 0.3025, 0.2969
Android (android.graphics.Color)	4290753485 (0xFFBFB3CD)
YUV	185.5520, 9.5879, 4.7779
Hunter-Lab	69.0828, 4.7438, -6.9073

Details

The Yxy color $47.7243, 0.3025, 0.2969$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $58.2425, 0.3220, 0.3610$, and the grayscale version is $48.7863, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.4108, 0.3084, 0.3094$, and $22.5593, 0.2998, 0.2875$ is the 20% darker color. If you saturate the color by 10%, you get $38.7349, 0.2929, 0.2692$, and if you desaturate by 10%, it is $58.0468, 0.3107, 0.3225$.

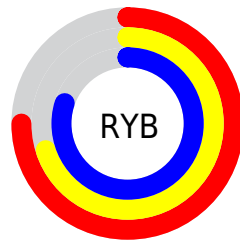
Distribution



Red (75%)

Green (70%)

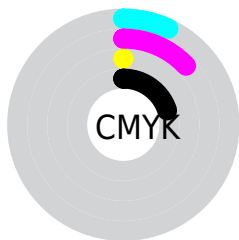
Blue (80%)



Red (75%)

Yellow (70%)

Blue (80%)

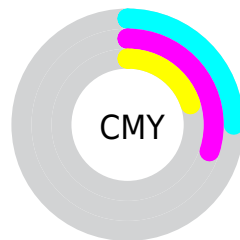


Cyan (7%)

Magenta (13%)

Yellow (0%)

Black (20%)



Cyan (25%)

Magenta (30%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.7243, 0.3025, 0.2969 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 47.7243, 0.3025, 0.2969 by changing the saturation by 10% instead.

■ 47.7243, 0.3025,
0.2969

■ 47.7243, 0.3025,
0.2969

■ 377.6983, 0.3077,
0.3126

■ 33.6086, 0.3012,
0.2931

■ 86.7938, 0.3044,
0.3025

■ 22.5931, 0.2995,
0.2883

■ 112.5163, 0.3051,
0.3046

■ 14.2933, 0.2972,
0.2820

■ 142.8767, 0.3057,
0.3065

■ 8.3250, 0.2940,
0.2734

■ 178.2591, 0.3062,
0.3080

■ 4.3036, 0.2891,
0.2611

■ 219.0481, 0.3067,
0.3094

■ 1.8448, 0.2810,
0.2418

■ 265.6280, 0.3071,

■ 0.5149, 0.2682,

0.3106

0.1937

318.3833, 0.3074,
0.3116

0.0000, 0.0000,
0.0000

47.7243, 0.3025,
0.2969

47.7243, 0.3025,
0.2969

38.7349, 0.2929,
0.2692

58.0468, 0.3107,
0.3225

31.0164, 0.2820,
0.2399

69.7488, 0.3177,
0.3459

24.5106, 0.2698,
0.2098

82.8823, 0.3236,
0.3670

19.1526, 0.2565,
0.1799

93.6082, 0.3293,
0.3802

14.8708, 0.2425,
0.1517

95.5448, 0.3365,
0.3790

■ 11.5855, 0.2285,
0.1268

■ 97.1868, 0.3424,
0.3781

■ 9.2052, 0.2149,
0.1067

■ 7.6206, 0.2026,
0.0921

■ 6.8246, 0.1945,
0.0845

Harmonies

Analogous

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



47.7243, 0.2850, 0.2950



47.7243, 0.3025, 0.2969



47.7243, 0.3233, 0.3067

Triad

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



47.7243, 0.3025, 0.2969



47.7243, 0.3517, 0.3549



47.7243, 0.2843, 0.3354

Complementary

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



47.7243, 0.3025, 0.2969



58.2425, 0.3220, 0.3610

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.



47.7243, 0.3014, 0.3530



47.7243, 0.3025, 0.2969



47.7243, 0.3405, 0.3641

Square

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



47.7243, 0.3025, 0.2969



47.7243, 0.3522, 0.3394



47.7243, 0.3220, 0.3637



47.7243, 0.2748, 0.3165

Rectangle

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



47.7243, 0.3025, 0.2969



47.7243, 0.3361, 0.3164



47.7243, 0.3220, 0.3637



47.7243, 0.2893, 0.3417

Sweetspot

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



47.7263, 0.3025, 0.2969



92.6380, 0.3097, 0.3191



52.2600, 0.2932, 0.3143



19.5409, 0.3091, 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.



47.7263, 0.3025, 0.2969



74.2813, 0.3002, 0.2901



49.4414, 0.3131, 0.2979



11.0937, 0.3053, 0.3056



4.3048, 0.1960, 0.0853



0.2670, 0.2180, 0.0975

Inverse Universe

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



49.0677, 0.3239, 0.3121



76.8904, 0.3264, 0.3086



56.6478, 0.3122, 0.3619



11.3129, 0.3207, 0.3166



8.8040, 0.4783, 0.2409



0.4694, 0.4394, 0.2194

Previews

White Background



This preview shows how the Yxy color 47.7243, 0.3025, 0.2969 looks on a white background.

Color Contrast Check

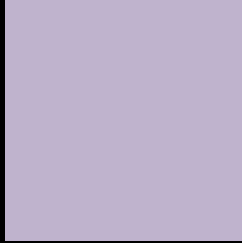
Large Text (above 18pt) WCAG AA × Fail

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 47.7243, 0.3025, 0.2969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

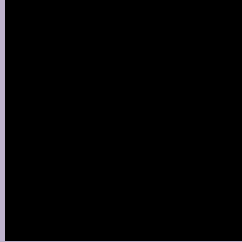
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.7243, 0.3025, 0.2969

Background



This preview shows how black text looks on a background with the Yxy color 47.7243, 0.3025, 0.2969.



This preview shows how white text looks on a background with the Yxy color 47.7243, 0.3025, 0.2969.

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

47.7243, 0.3025, 0.2969

Protanopia

47.6642, 0.2921, 0.2975

Deuteranopia

47.8544, 0.3033, 0.2970



Tritanopia

47.8067, 0.3085, 0.3114

Trichromacy



Original Color

47.7243, 0.3025, 0.2969

Protanomaly

47.6943, 0.2960, 0.2977

Deuteranomaly

47.8544, 0.3033, 0.2970

Tritanomaly

47.7132, 0.3062, 0.3053

Monochromacy



Original Color

47.7243, 0.3025, 0.2969

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.4086, 0.3091, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7243, 0.3025, 0.2969 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(191, 179, 205)` looks like.

```
.text, #text, p{  
    color:rgb(191, 179, 205)  
}
```

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(191, 179, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 179, 205) }
```

Border

The CSS property to change the border of an element to Yxy 47.7243, 0.3025, 0.2969 is called "border". The border property can be set on classes, ids or directly on the HTML element.

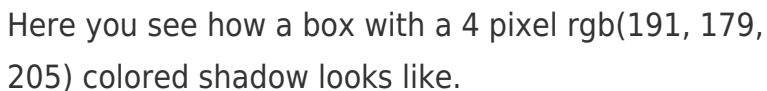
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 179, 205) }
```

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

```
.border{ border-color:rgb(191, 179, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(191, 179, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 179, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 179, 205); box-shadow:4px 4px 4px 4px rgb(191, 179, 205) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7243, 0.3025, 0.2969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 179, 205) }
```

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

```
.background{ background-color: rgb(191,  
179, 205) }
```

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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