

Converting Colors

$Y_{xy}(48.6331, 0.3003, 0.2924)$

Have a look what the booklet for
Yxy(48.6331, 0.3003, 0.2924)
contains.

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Color

Yxy(48.6331, 0.3003, 0.2924)

Conversions

Conversions Part 1

Format	Color
Hex	C1B4D2
RGB	193, 180, 210
RGB Percent	76%, 71%, 82%
CMY	0.2432, 0.2941, 0.1764
CMYK	0.08, 0.14, 0.00, 0.18
HSL	266°, 25%, 76%
HSV	266°, 14%, 82%
XYZ	49.9471, 48.6331, 67.7437
YIQ	187.3070, -1.8820, 12.0860

Conversions

Conversions Part 2

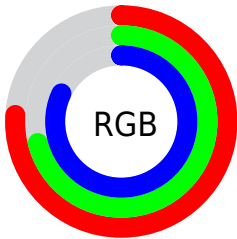
Format	Color
R_{YB}	193, 180, 210
Decimal	12694738
CIE _{Lab}	75.22, 10.28, -13.46
CIE _{LCh}	75, 16.938, 307.385
Yxy	48.6331, 0.3003, 0.2924
Android (android.graphics.Color)	4290884818 (0xFFC1B4D2)
YUV	187.3070, 11.1876, 4.9928
Hunter-Lab	69.7374, 5.8040, -8.7788

Details

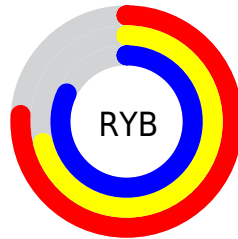
The Yxy color **48.6331, 0.3003, 0.2924** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **61.2771, 0.3239, 0.3653**, and the grayscale version is **49.8139, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.5349, 0.3103, 0.3105**, and **23.0680, 0.2958, 0.2815** is the 20% darker color. If you saturate the color by 10%, you get **39.2842, 0.2899, 0.2642**, and if you desaturate by 10%, it is **59.3972, 0.3093, 0.3185**.

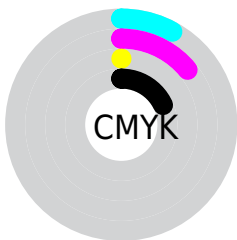
Distribution



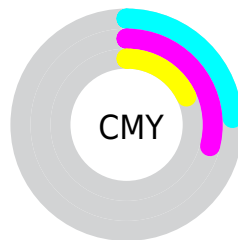
- Red (76%)
- Green (71%)
- Blue (82%)



- Red (76%)
- Yellow (71%)
- Blue (82%)



- Cyan (8%)
- Magenta (14%)
- Yellow (0%)
- Black (18%)



- Cyan (24%)
- Magenta (29%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.6331, 0.3003, 0.2924 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 48.6331, 0.3003, 0.2924 by changing the saturation by 10% instead.

■ 48.6331, 0.3003,
0.2924

■ 48.6331, 0.3003,
0.2924

381.2961, 0.3066,
0.3102

■ 34.3285, 0.2987,
0.2881

■ 88.1463, 0.3026,
0.2987

■ 23.1461, 0.2967,
0.2827

114.1237, 0.3035,
0.3011

■ 14.7014, 0.2939,
0.2757

144.7608, 0.3042,
0.3032

■ 8.6101, 0.2901,
0.2662

180.4420, 0.3048,
0.3050

■ 4.4878, 0.2844,
0.2527

221.5518, 0.3053,
0.3065

■ 1.9500, 0.2749,
0.2319

268.4745, 0.3058,

■ 0.5782, 0.2595,

0.3079

0.1874

321.5944, 0.3062,
0.3091

0.0000, 0.0000,
0.0000

48.6331, 0.3003,
0.2924

48.6331, 0.3003,
0.2924

39.2842, 0.2899,
0.2642

59.3972, 0.3093,
0.3185

31.2837, 0.2781,
0.2344

71.6271, 0.3169,
0.3423

24.5686, 0.2650,
0.2038

85.3787, 0.3234,
0.3637

19.0684, 0.2508,
0.1736

94.8153, 0.3299,
0.3744

14.7052, 0.2361,
0.1454

96.9776, 0.3377,
0.3733

■ 11.3922, 0.2215,
0.1207

■ 97.4344, 0.3393,
0.3730

■ 9.0291, 0.2077,
0.1011

■ 7.4946, 0.1954,
0.0873

■ 6.8714, 0.1891,
0.0815

Harmonies

Analogous

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



48.6331, 0.2807, 0.2905



48.6331, 0.3003, 0.2924



48.6331, 0.3239, 0.3032

Triad

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



48.6331, 0.3003, 0.2924



48.6331, 0.3574, 0.3579



48.6331, 0.2809, 0.3369

Complementary

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



48.6331, 0.3003, 0.2924



61.2771, 0.3239, 0.3653

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.



48.6331, 0.3005, 0.3571



48.6331, 0.3003, 0.2924



48.6331, 0.3448, 0.3689

Square

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



48.6331, 0.3003, 0.2924



48.6331, 0.3576, 0.3401



48.6331, 0.3239, 0.3690



48.6331, 0.2698, 0.3152

Rectangle

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



48.6331, 0.3003, 0.2924



48.6331, 0.3388, 0.3141



48.6331, 0.3239, 0.3690



48.6331, 0.2867, 0.3441

Sweetspot

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



48.6352, 0.3003, 0.2924



92.5827, 0.3095, 0.3191



54.5260, 0.2906, 0.3135



19.5269, 0.3088, 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.



48.6352, 0.3003, 0.2924



71.0220, 0.2974, 0.2844



50.6398, 0.3123, 0.2937



11.6642, 0.3049, 0.3054



4.2473, 0.1906, 0.0824



0.2840, 0.2115, 0.0939

Inverse Universe

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



50.3828, 0.3248, 0.3088



74.2426, 0.3276, 0.3045



59.4084, 0.3128, 0.3665



11.9190, 0.3203, 0.3159



9.1930, 0.4663, 0.2342



0.5298, 0.4325, 0.2156

Previews

White Background



This preview shows how the Yxy color 48.6331, 0.3003, 0.2924 looks on a white background.

Color Contrast Check

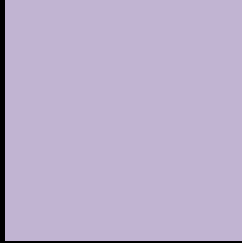
Large Text (above 18pt) WCAG AA × Fail

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 48.6331, 0.3003, 0.2924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

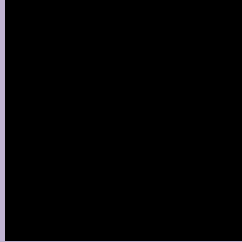
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.6331, 0.3003, 0.2924

Background



This preview shows how black text looks on a background with the Yxy color 48.6331, 0.3003, 0.2924.



This preview shows how white text looks on a background with the Yxy color 48.6331, 0.3003, 0.2924.

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

48.6331, 0.3003, 0.2924

Protanopia

48.7377, 0.2887, 0.2940

Deuteranopia

48.5021, 0.2995, 0.2923



Tritanopia

48.5635, 0.3086, 0.3103

Trichromacy



Original Color

48.6331, 0.3003, 0.2924

Protanomaly

48.8844, 0.2932, 0.2943

Deuteranomaly

48.5021, 0.2995, 0.2923

Tritanomaly

48.5185, 0.3056, 0.3030

Monochromacy



Original Color

48.6331, 0.3003, 0.2924

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.0399, 0.3084, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6331, 0.3003, 0.2924 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(193, 180, 210)` looks like.

```
.text, #text, p{  
    color:rgb(193, 180, 210)  
}
```

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(193, 180, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 180, 210) }
```

Border

The CSS property to change the border of an element to Yxy 48.6331, 0.3003, 0.2924 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(193, 180, 210) }
```

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

```
.border{ border-color:rgb(193, 180, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 180, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 180, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 180, 210);  
box-shadow:4px 4px 4px 4px rgb(193, 180,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6331, 0.3003, 0.2924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 180, 210) }
```

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

```
.background{ background-color: rgb(193,  
180, 210) }
```

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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