

Converting Colors

$Y_{xy}(47.2545, 0.2961, 0.2910)$

Have a look what the booklet for
Yxy(47.2545, 0.2961, 0.2910)
contains.

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Color

Yxy(47.4084, 0.2962, 0.2918)

Conversions

Conversions Part 1

Format	Color
Hex	BBB3D1
RGB	187, 179, 209
RGB Percent	73%, 70%, 82%
CMY	0.2666, 0.2980, 0.1804
CMYK	0.11, 0.14, 0.00, 0.18
HSL	256°, 25%, 76%
HSV	256°, 14%, 82%
XYZ	48.1233, 47.4084, 66.9372
YIQ	184.8120, -4.8620, 11.0260

Conversions

Conversions Part 2

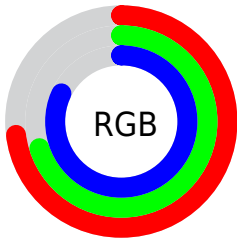
Format	Color
RYB	187, 179, 209
Decimal	12301265
CIELab	74.45, 8.64, -14.11
CIELCh	74, 16.546, 301.483
Yxy	47.4084, 0.2962, 0.2918
Android (android.graphics.Color)	4290491345 (0xFFBBB3D1)
YUV	184.8120, 11.9247, 1.9189
Hunter-Lab	68.8538, 4.2631, -9.4420

Details

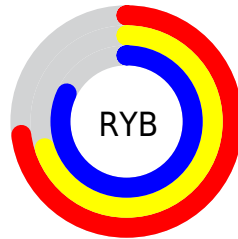
The Yxy color **47.4084, 0.2962, 0.2918** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **61.2745, 0.3278, 0.3650**, and the grayscale version is **48.3418, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6913, 0.3057, 0.3092**, and **22.3566, 0.2913, 0.2806** is the 20% darker color. If you saturate the color by 10%, you get **37.8269, 0.2826, 0.2627**, and if you desaturate by 10%, it is **58.4698, 0.3081, 0.3183**.

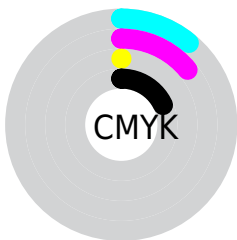
Distribution



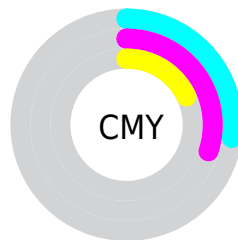
- Red (73%)
- Green (70%)
- Blue (82%)



- Red (73%)
- Yellow (70%)
- Blue (82%)



- Cyan (11%)
- Magenta (14%)
- Yellow (0%)
- Black (18%)



- Cyan (27%)
- Magenta (30%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.4084, 0.2962, 0.2918 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 47.4084, 0.2962, 0.2918 by changing the saturation by 10% instead.

■ 47.4084, 0.2962,
0.2918

■ 47.4084, 0.2962,
0.2918

376.4423, 0.3045,
0.3100

■ 33.3586, 0.2941,
0.2874

■ 86.3229, 0.2992,
0.2983

■ 22.4013, 0.2914,
0.2818

111.9564, 0.3004,
0.3008

■ 14.1521, 0.2878,
0.2746

142.2200, 0.3013,
0.3029

■ 8.2265, 0.2828,
0.2647

177.4980, 0.3022,
0.3047

■ 4.2402, 0.2753,
0.2505

218.1749, 0.3029,
0.3062

■ 1.8088, 0.2631,
0.2286

264.6349, 0.3035,

■ 0.4927, 0.2417,

0.3076

0.1754

317.2626, 0.3040,
0.3089

0.0000, 0.0000,
0.0000

47.4084, 0.2962,
0.2918

47.4084, 0.2962,
0.2918

37.8269, 0.2826,
0.2627

58.4698, 0.3081,
0.3183

29.6561, 0.2673,
0.2314

71.0648, 0.3183,
0.3421

22.8297, 0.2506,
0.1988

85.2515, 0.3270,
0.3632

17.2741, 0.2330,
0.1663

96.1355, 0.3355,
0.3747

12.9081, 0.2152,
0.1357

97.3836, 0.3400,
0.3741

■ 9.6411, 0.1983,
0.1090

■ 7.3688, 0.1833,
0.0881

■ 5.9656, 0.1712,
0.0741

■ 5.4375, 0.1656,
0.0686

Harmonies

Analogous

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



47.4084, 0.2783, 0.2918



47.4084, 0.2962, 0.2918



47.4084, 0.3192, 0.3009

Triad

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



47.4084, 0.2962, 0.2918



47.4084, 0.3578, 0.3545



47.4084, 0.2846, 0.3410

Complementary

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



47.4084, 0.2962, 0.2918



61.2745, 0.3278, 0.3650

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.



47.4084, 0.3051, 0.3598



47.4084, 0.2962, 0.2918



47.4084, 0.3476, 0.3669

Square

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



47.4084, 0.2962, 0.2918



47.4084, 0.3554, 0.3361



47.4084, 0.3282, 0.3693



47.4084, 0.2718, 0.3194

Rectangle

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



47.4084, 0.2962, 0.2918



47.4084, 0.3343, 0.3109



47.4084, 0.3282, 0.3693



47.4084, 0.2908, 0.3479

Sweetspot

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



47.4104, 0.2962, 0.2918



92.2729, 0.3084, 0.3191



55.9622, 0.2907, 0.3191



19.4486, 0.3076, 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.



47.4104, 0.2962, 0.2918



69.8544, 0.2925, 0.2838



49.4017, 0.3085, 0.2932



11.5680, 0.3023, 0.3053



3.3940, 0.1669, 0.0693



0.2291, 0.1866, 0.0802

Inverse Universe

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



50.0139, 0.3208, 0.3029



74.6695, 0.3226, 0.2976



59.2966, 0.3162, 0.3663



11.9530, 0.3178, 0.3121



9.7978, 0.4017, 0.1986



0.5606, 0.3836, 0.1887

Previews

White Background



This preview shows how the Yxy color 47.4084, 0.2962, 0.2918 looks on a white background.

Color Contrast Check

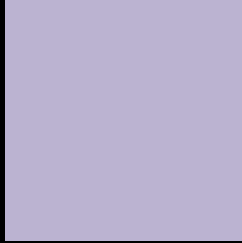
Large Text (above 18pt) WCAG AA × Fail

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 47.4084, 0.2962, 0.2918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

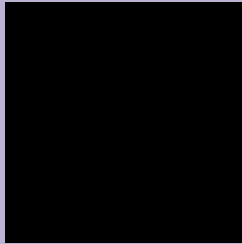
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.4084, 0.2962, 0.2918

Background



This preview shows how black text looks on a background with the Yxy color 47.4084, 0.2962, 0.2918.



This preview shows how white text looks on a background with the Yxy color 47.4084, 0.2962, 0.2918.

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

47.4084, 0.2962, 0.2918

Protanopia

47.6240, 0.2877, 0.2925

Deuteranopia

47.2631, 0.2978, 0.2907



Tritanopia

47.3476, 0.3044, 0.3100

Trichromacy



Original Color

47.4084, 0.2962, 0.2918

Protanomaly

47.5246, 0.2907, 0.2926

Deuteranomaly

47.1356, 0.2970, 0.2906

Tritanomaly

47.2987, 0.3014, 0.3026

Monochromacy



Original Color

47.4084, 0.2962, 0.2918

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.2011, 0.3067, 0.3151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4084, 0.2962, 0.2918 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, 179, 209)` looks like.

```
.text, #text, p{  
    color:rgb(187, 179, 209)  
}
```

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, 179, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 179, 209) }
```

Border

The CSS property to change the border of an element to Yxy 47.4084, 0.2962, 0.2918 is called "border". The border property can be set on classes, ids or directly on the HTML element.

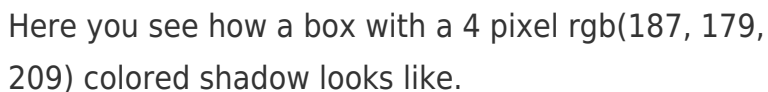
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 179, 209) }
```

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

```
.border{ border-color:rgb(187, 179, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 179, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 179, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 179, 209);  
box-shadow:4px 4px 4px 4px rgb(187, 179,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4084, 0.2962, 0.2918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 179, 209) }
```

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

```
.background{ background-color: rgb(187,  
179, 209) }
```

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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