

Converting Colors

Yxy(47.9434, 0.3078, 0.3109)

Have a look what the booklet for
Yxy(47.9434, 0.3078, 0.3109)
contains.

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Color

Yxy(47.8521, 0.3077, 0.3102)

Conversions

Conversions Part 1

Format	Color
Hex	BDB5C4
RGB	189, 181, 196
RGB Percent	74%, 71%, 77%
CMY	0.2589, 0.2901, 0.2315
CMYK	0.04, 0.08, 0.00, 0.23
HSL	272°, 11%, 74%
HSV	272°, 8%, 77%
XYZ	47.4664, 47.8521, 58.9435
YIQ	185.1020, -0.0470, 6.3610

Conversions

Conversions Part 2

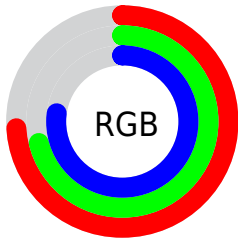
Format	Color
R _Y B	189, 181, 196
Decimal	12432836
CIE Lab	74.73, 5.61, -6.57
CIE LCh	75, 8.635, 310.493
Yxy	47.8521, 0.3077, 0.3102
Android (android.graphics.Color)	4290622916 (0xFFBDB5C4)
YUV	185.1020, 5.3727, 3.4185
Hunter-Lab	69.1752, 1.4260, -2.0978

Details

The Yxy color `47.8521, 0.3077, 0.3102` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `53.4990, 0.3174, 0.3479`, and the grayscale version is `48.5436, 0.3127, 0.3290`.

A 20% lighter version of the original color is `87.0727, 0.3082, 0.3133`, and `22.6256, 0.3069, 0.3052` is the 20% darker color. If you saturate the color by 10%, you get `39.3001, 0.3001, 0.2838`, and if you desaturate by 10%, it is `57.6034, 0.3141, 0.3346`.

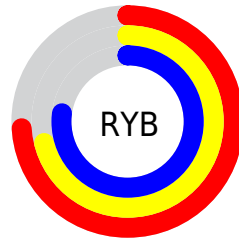
Distribution



Red (74%)

Green (71%)

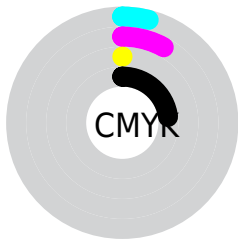
Blue (77%)



Red (74%)

Yellow (71%)

Blue (77%)

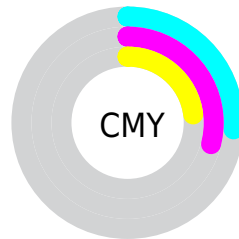


Cyan (4%)

Magenta (8%)

Yellow (0%)

Black (23%)



Cyan (26%)

Magenta (29%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.8521, 0.3077, 0.3102 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 47.8521, 0.3077, 0.3102 by changing the saturation by 10% instead.

■ 47.8521, 0.3077,
0.3102

■ 47.8521, 0.3077,
0.3102

378.2056, 0.3102,
0.3195

■ 33.7098, 0.3071,
0.3079

■ 86.9842, 0.3086,
0.3135

■ 22.6707, 0.3062,
0.3050

112.7427, 0.3090,
0.3148

■ 14.3506, 0.3051,
0.3012

143.1421, 0.3093,
0.3159

■ 8.3649, 0.3035,
0.2960

178.5667, 0.3095,
0.3168

■ 4.3293, 0.3012,
0.2883

219.4010, 0.3097,
0.3176

■ 1.8594, 0.2971,
0.2761

266.0293, 0.3099,

■ 0.5238, 0.2899,

0.3183

0.2392

318.8360, 0.3101,
0.3189

0.0000, 0.0000,
0.0000

47.8521, 0.3077,
0.3102

47.8521, 0.3077,
0.3102

39.3001, 0.3001,
0.2838

57.6034, 0.3141,
0.3346

31.8935, 0.2913,
0.2558

68.5930, 0.3196,
0.3568

25.5830, 0.2814,
0.2268

80.8658, 0.3241,
0.3769

20.3135, 0.2703,
0.1977

91.6188, 0.3284,
0.3908

16.0249, 0.2584,
0.1697

93.1387, 0.3344,
0.3896

■ 12.6506, 0.2460,
0.1442

■ 94.7390, 0.3404,
0.3884

■ 10.1158, 0.2336,
0.1226

■ 96.4210, 0.3466,
0.3873

■ 8.3327, 0.2217,
0.1059

■ 96.7644, 0.3478,
0.3870

■ 7.1751, 0.2108,
0.0945

Harmonies

Analogous

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



47.8521, 0.2971, 0.3088



47.8521, 0.3077, 0.3102



47.8521, 0.3198, 0.3163

Triad

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



47.8521, 0.3077, 0.3102



47.8521, 0.3351, 0.3449



47.8521, 0.2955, 0.3320

Complementary

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



47.8521, 0.3077, 0.3102



53.4990, 0.3174, 0.3479

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.



47.8521, 0.3054, 0.3422



47.8521, 0.3077, 0.3102



47.8521, 0.3283, 0.3496

Square

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



47.8521, 0.3077, 0.3102



47.8521, 0.3358, 0.3361



47.8521, 0.3174, 0.3487



47.8521, 0.2901, 0.3212

Rectangle

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



47.8521, 0.3077, 0.3102



47.8521, 0.3271, 0.3224



47.8521, 0.3174, 0.3487



47.8521, 0.2984, 0.3357

Sweetspot

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



47.8541, 0.3077, 0.3102



96.3392, 0.3114, 0.3241



49.8818, 0.3011, 0.3191



20.6589, 0.3115, 0.3244



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.



47.8541, 0.3077, 0.3102



84.2407, 0.3066, 0.3063



48.7598, 0.3138, 0.3109



10.0058, 0.3065, 0.3058



4.5137, 0.2097, 0.0929



0.2358, 0.2336, 0.1060

Inverse Universe

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



48.4183, 0.3199, 0.3203



85.4599, 0.3215, 0.3185



52.6414, 0.3116, 0.3478



10.1546, 0.3217, 0.3183



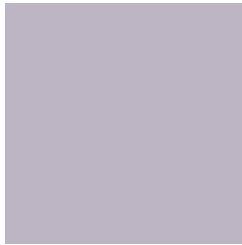
8.0514, 0.5071, 0.2567



0.3618, 0.4549, 0.2280

Previews

White Background



This preview shows how the Yxy color 47.8521, 0.3077, 0.3102 looks on a white background.

Color Contrast Check

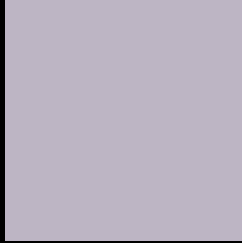
Large Text (above 18pt) WCAG AA × Fail

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 47.8521, 0.3077, 0.3102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

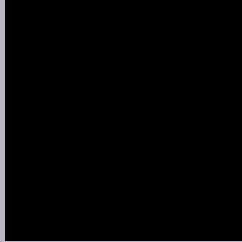
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

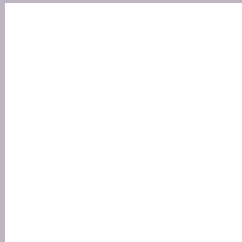
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.8521, 0.3077, 0.3102

Background



This preview shows how black text looks on a background with the Yxy color 47.8521, 0.3077, 0.3102.

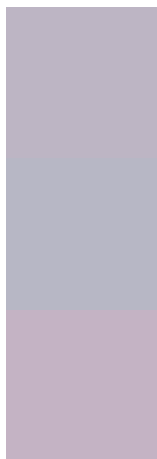


This preview shows how white text looks on a background with the Yxy color 47.8521, 0.3077, 0.3102.

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

47.8521, 0.3077, 0.3102

Protanopia

47.9655, 0.3019, 0.3112

Deuteranopia

47.9615, 0.3137, 0.3080



Tritanopia

47.8067, 0.3085, 0.3114

Trichromacy



Original Color

47.8521, 0.3077, 0.3102

Protanomaly

47.8014, 0.3036, 0.3100

Deuteranomaly

47.9655, 0.3111, 0.3091

Tritanomaly

47.8067, 0.3085, 0.3114

Monochromacy



Original Color

47.8521, 0.3077, 0.3102

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.3942, 0.3105, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8521, 0.3077, 0.3102 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(189, 181, 196)` looks like.

```
.text, #text, p{  
    color:rgb(189, 181, 196)  
}
```

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(189, 181, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 181, 196) }
```

Border

The CSS property to change the border of an element to Yxy 47.8521, 0.3077, 0.3102 is called "border". The border property can be set on classes, ids or directly on the HTML element.

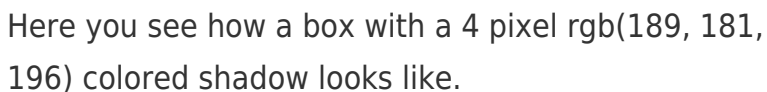
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 181, 196) }
```

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

```
.border{ border-color:rgb(189, 181, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 181, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 181, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 181, 196); box-shadow:4px 4px 4px 4px rgb(189, 181, 196) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8521, 0.3077, 0.3102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 181, 196) }
```

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

```
.background{ background-color: rgb(189,  
181, 196) }
```

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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