

# Converting Colors

Yxy(47.4520, 0.3066, 0.3162)

Have a look what the booklet for  
Yxy(47.4520, 0.3066, 0.3162)  
contains.

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# Color

**Yxy(47.4520, 0.3066, 0.3162)**

# Conversions

Conversions Part 1	
Format	Color
Hex	B8B6C0
RGB	184, 182, 192
RGB Percent	72%, 71%, 75%
CMY	0.2784, 0.2863, 0.2470
CMYK	0.04, 0.05, 0.00, 0.25
HSL	252°, 7%, 73%
HSV	252°, 5%, 75%
XYZ	46.0113, 47.4520, 56.6062
YIQ	183.7380, -2.0180, 3.5340

# Conversions

## Conversions Part 2

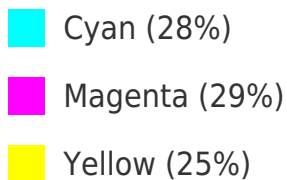
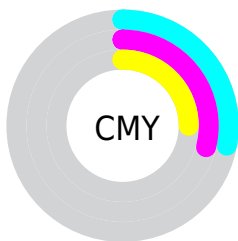
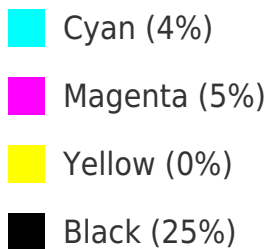
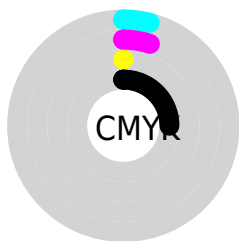
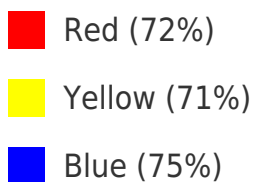
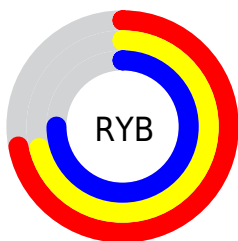
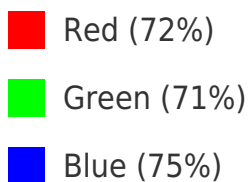
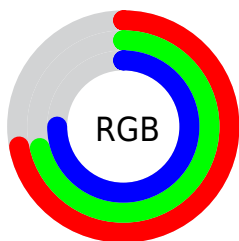
Format	Color
<a href="#">RYB</a>	<a href="#">184, 182, 192</a>
Decimal	<a href="#">12105408</a>
CIELab	<a href="#">74.48, 2.60, -4.82</a>
CIELCh	<a href="#">74, 5.479, 298.382</a>
Yxy	<a href="#">47.4520, 0.3066, 0.3162</a>
Android (android.graphics.Color)	<a href="#">4290295488</a> (0xFFB8B6C0)
YUV	<a href="#">183.7380, 4.0732, 0.2298</a>
Hunter-Lab	<a href="#">68.8854, -1.3222, -0.5015</a>

# Details

The Yxy color  $47.4520, 0.3066, 0.3162$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $52.0265, 0.3187, 0.3416$ , and the grayscale version is  $47.7604, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $86.4516, 0.3079, 0.3190$ , and  $22.3899, 0.3044, 0.3116$  is the 20% darker color. If you saturate the color by 10%, you get  $38.3273, 0.2935, 0.2894$ , and if you desaturate by 10%, it is  $57.8647, 0.3179, 0.3401$ .

# Distribution




# Brightness & Saturation Gradients

These gradients show how the Yxy color 47.4520, 0.3066, 0.3162 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 47.4520, 0.3066, 0.3162 by changing the saturation by 10% instead.




 47.4520, 0.3066,  
0.3162

 47.4520, 0.3066,  
0.3162


376.6159, 0.3097,  
0.3226

 33.3931, 0.3058,  
0.3146


 86.3879, 0.3077,  
0.3185

 22.4278, 0.3048,  
0.3126


112.0338, 0.3081,  
0.3194

 14.1716, 0.3035,  
0.3100


142.3107, 0.3085,  
0.3201

 8.2401, 0.3017,  
0.3063

177.6032, 0.3088,  
0.3207

 4.2490, 0.2989,  
0.3008

218.2955, 0.3091,  
0.3213

 1.8138, 0.2944,  
0.2920


264.7721, 0.3093,


 0.4957, 0.2804,

0.3218


0.2599

317.4175, 0.3095,  
0.3222

 0.0000, 0.0000,  
0.0000

 47.4520, 0.3066,  
0.3162


 47.4520, 0.3066,  
0.3162


 38.3273, 0.2935,  
0.2894


 57.8647, 0.3179,  
0.3401

 30.4345, 0.2786,  
0.2599


 69.6066, 0.3277,  
0.3611


 23.7220, 0.2620,  
0.2281

 82.7248, 0.3360,  
0.3796

 18.1325, 0.2441,  
0.1950

 94.8108, 0.3437,  
0.3923

 13.6039, 0.2253,  
0.1619

 96.5861, 0.3502,  
0.3909

■ 10.0676, 0.2068,  
0.1308

■ 7.4472, 0.1896,  
0.1040

■ 5.6547, 0.1750,  
0.0833

■ 4.5837, 0.1639,  
0.0700

# Harmonies

## Analogous

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



47.4520, 0.3007, 0.3168



47.4520, 0.3066, 0.3162



47.4520, 0.3142, 0.3190

# Triad

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



47.4520, 0.3066, 0.3162



47.4520, 0.3276, 0.3372



47.4520, 0.3040, 0.3337

# Complementary

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



47.4520, 0.3066, 0.3162



52.0265, 0.3187, 0.3416

# 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.



47.4520, 0.3111, 0.3394



47.4520, 0.3066, 0.3162



47.4520, 0.3248, 0.3413

# Square

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



47.4520, 0.3066, 0.3162



47.4520, 0.3264, 0.3310



47.4520, 0.3187, 0.3422



47.4520, 0.2992, 0.3268



# Rectangle

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



47.4520, 0.3066, 0.3162



47.4520, 0.3192, 0.3223



47.4520, 0.3187, 0.3422



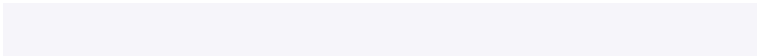
47.4520, 0.3062, 0.3358

# Sweetspot

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



47.4540, 0.3066, 0.3162



91.7170, 0.3104, 0.3241



50.5806, 0.3048, 0.3264



19.7169, 0.3105, 0.3244



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290



# Same Dimension

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



47.4540, 0.3066, 0.3162



84.4211, 0.3055, 0.3140



48.0820, 0.3108, 0.3164



10.4418, 0.3049, 0.3128



2.8717, 0.1606, 0.0658



0.1536, 0.1823, 0.0778



# Inverse Universe

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



48.3815, 0.3149, 0.3190



86.3771, 0.3153, 0.3172



51.3942, 0.3146, 0.3418



10.7040, 0.3155, 0.3163



9.1102, 0.3785, 0.1859

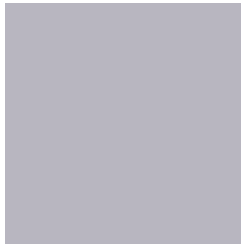


0.4026, 0.3634, 0.1776



# Previews

## White Background



This preview shows how the Yxy color 47.4520, 0.3066, 0.3162 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

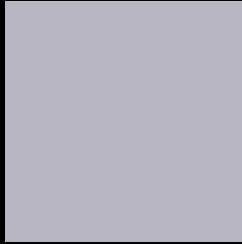
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 47.4520, 0.3066, 0.3162 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

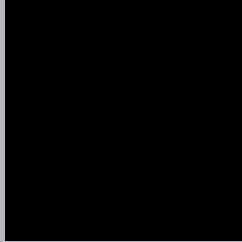
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

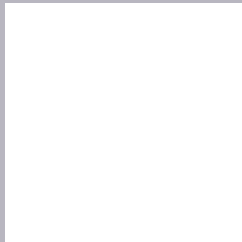
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 47.4520, 0.3066, 0.3162**

## Background



This preview shows how black text looks on a background with the Yxy color 47.4520, 0.3066, 0.3162.



This preview shows how white text looks on a background with the Yxy color 47.4520, 0.3066, 0.3162.

# 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

47.4520, 0.3066, 0.3162

### Protanopia

47.4520, 0.3066, 0.3162

### Deuteranopia

47.4268, 0.3162, 0.3104



## Tritanopia

47.3476, 0.3044, 0.3100

# Trichromacy



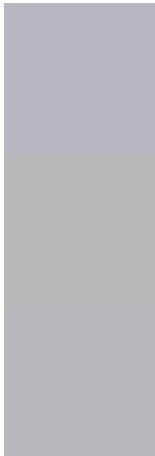
**Original Color**  
47.4520, 0.3066, 0.3162

**Protanomaly**  
47.4520, 0.3066, 0.3162

**Deuteranomaly**  
47.2969, 0.3127, 0.3115

**Tritanomaly**  
47.3022, 0.3051, 0.3112

# Monochromacy



**Original Color**  
47.4520, 0.3066, 0.3162

**Achromatopsia**  
47.9320, 0.3127, 0.3290

**Achromatomaly**  
47.6452, 0.3104, 0.3239

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 47.4520, 0.3066, 0.3162 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(184, 182, 192) looks like.

```
.text, #text, p{  
    color:rgb(184, 182, 192)  
}
```

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(184, 182, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 182, 192) }
```

## Border

The CSS property to change the border of an element to Yxy 47.4520, 0.3066, 0.3162 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(184, 182, 192) }
```

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

```
.border{ border-color:rgb(184, 182, 192) }
```

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

Here you see how a box with a 4 pixel rgb(184, 182, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 182, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 182, 192);  
box-shadow:4px 4px 4px 4px rgb(184, 182,  
192) }
```



# Background

The CSS property to change the background color of an element to Yxy 47.4520, 0.3066, 0.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 182, 192) }
```

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

```
.background{ background-color: rgb(184,  
182, 192) }
```

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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