

Converting Colors

Yxy(48.5691, 0.3049, 0.3165)

Have a look what the booklet for
Yxy(48.5691, 0.3049, 0.3165)
contains.

Yxy(48.3664, 0.3050, 0.3163)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(48.3664, 0.3050, 0.3163)

Conversions

Conversions Part 1

Format	Color
Hex	B8B8C2
RGB	184, 184, 194
RGB Percent	72%, 72%, 76%
CMY	0.2785, 0.2784, 0.2393
CMYK	0.05, 0.05, 0.00, 0.24
HSL	240°, 8%, 74%
HSV	240°, 5%, 76%
XYZ	46.6385, 48.3664, 57.9082
YIQ	185.1400, -3.2100, 3.1100

Conversions

Conversions Part 2

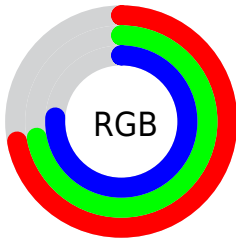
Format	Color
RYB	184, 184, 194
Decimal	12105922
CIELab	75.06, 1.89, -5.05
CIELCh	75, 5.391, 290.535
Yxy	48.3664, 0.3050, 0.3163
Android (android.graphics.Color)	4290296002 (0xFFB8B8C2)
YUV	185.1400, 4.3680, -0.9998
Hunter-Lab	69.5460, -2.0008, -0.6863

Details

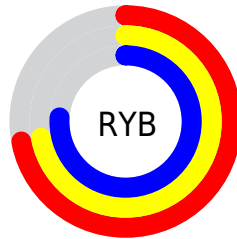
The Yxy color **48.3664, 0.3050, 0.3163** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.4850, 0.3202, 0.3414**, and the grayscale version is **48.5727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7476, 0.3067, 0.3190**, and **22.9513, 0.3033, 0.3134** is the 20% darker color. If you saturate the color by 10%, you get **38.6513, 0.2885, 0.2891**, and if you desaturate by 10%, it is **59.5094, 0.3195, 0.3401**.

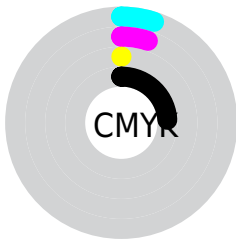
Distribution



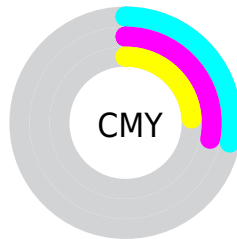
- Red (72%)
- Green (72%)
- Blue (76%)



- Red (72%)
- Yellow (72%)
- Blue (76%)



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)
- Black (24%)



- Cyan (28%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.3664, 0.3050, 0.3163 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 48.3664, 0.3050, 0.3163 by changing the saturation by 10% instead.

■ 48.3664, 0.3050,
0.3163

■ 48.3664, 0.3050,
0.3163

380.2426, 0.3088,
0.3226

■ 34.1171, 0.3040,
0.3147

■ 87.7497, 0.3064,
0.3186

■ 22.9836, 0.3028,
0.3128

113.6525, 0.3069,
0.3194

■ 14.5814, 0.3012,
0.3102

144.2086, 0.3074,
0.3202

■ 8.5261, 0.2989,
0.3065

179.8024, 0.3077,
0.3208

■ 4.4334, 0.2956,
0.3012

220.8184, 0.3081,
0.3213

■ 1.9188, 0.2900,
0.2926

267.6408, 0.3084,

■ 0.5597, 0.2753,

0.3218

0.2665

320.6540, 0.3086,
0.3222

0.0000, 0.0000,
0.0000

48.3664, 0.3050,
0.3163

48.3664, 0.3050,
0.3163

38.6513, 0.2885,
0.2891

59.5094, 0.3195,
0.3401

30.3006, 0.2700,
0.2587

72.1283, 0.3320,
0.3607

23.2550, 0.2498,
0.2254

86.2763, 0.3428,
0.3784

17.4487, 0.2285,
0.1903

96.6745, 0.3490,
0.3890

12.8100, 0.2073,
0.1552

■ 9.2599, 0.1876,
0.1227

■ 6.7098, 0.1711,
0.0952

■ 5.0569, 0.1591,
0.0753

■ 4.1766, 0.1522,
0.0638

Harmonies

Analogous

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



48.3664, 0.3000, 0.3177



48.3664, 0.3050, 0.3163



48.3664, 0.3122, 0.3182

Triad

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



48.3664, 0.3050, 0.3163



48.3664, 0.3274, 0.3356



48.3664, 0.3059, 0.3352

Complementary

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



48.3664, 0.3050, 0.3163



53.4850, 0.3202, 0.3414

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.



48.3664, 0.3132, 0.3402



48.3664, 0.3050, 0.3163



48.3664, 0.3256, 0.3403

Square

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



48.3664, 0.3050, 0.3163



48.3664, 0.3251, 0.3292



48.3664, 0.3204, 0.3420



48.3664, 0.3005, 0.3286

Rectangle

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



48.3664, 0.3050, 0.3163



48.3664, 0.3172, 0.3211



48.3664, 0.3204, 0.3420



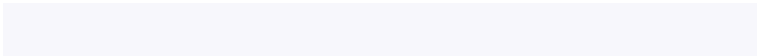
48.3664, 0.3082, 0.3372

Sweetspot

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



48.3685, 0.3050, 0.3163



93.6849, 0.3097, 0.3241



52.6515, 0.3049, 0.3292



20.5591, 0.3099, 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.



48.3685, 0.3050, 0.3163



85.8969, 0.3036, 0.3139



48.9579, 0.3090, 0.3164



10.3779, 0.3028, 0.3127



2.5765, 0.1501, 0.0603



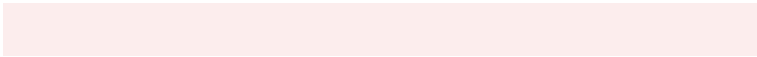
0.1139, 0.1505, 0.0616

Inverse Universe

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



49.1976, 0.3212, 0.3290



87.6597, 0.3228, 0.3290



52.8748, 0.3163, 0.3416



10.6087, 0.3236, 0.3290



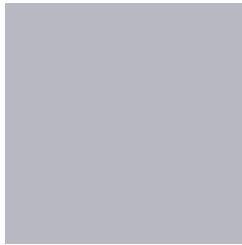
7.5423, 0.6395, 0.3297



0.3261, 0.6374, 0.3285

Previews

White Background



This preview shows how the Yxy color 48.3664, 0.3050, 0.3163 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 48.3664, 0.3050, 0.3163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

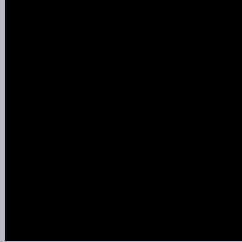
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

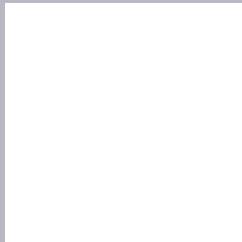
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.3664, 0.3050, 0.3163

Background



This preview shows how black text looks on a background with the Yxy color 48.3664, 0.3050, 0.3163.

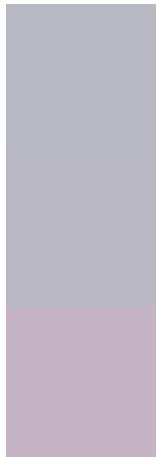


This preview shows how white text looks on a background with the Yxy color 48.3664, 0.3050, 0.3163.

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

48.3664, 0.3050, 0.3163

Protanopia

48.4903, 0.3058, 0.3163

Deuteranopia

48.1861, 0.3162, 0.3093



Tritanopia

48.2585, 0.3028, 0.3100

Trichromacy



Original Color

48.3664, 0.3050, 0.3163

Protanomaly

48.4903, 0.3058, 0.3163

Deuteranomaly

48.3253, 0.3118, 0.3116

Tritanomaly

48.2125, 0.3036, 0.3113

Monochromacy



Original Color

48.3664, 0.3050, 0.3163

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.6431, 0.3104, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3664, 0.3050, 0.3163 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, 184, 194)` looks like.

```
.text, #text, p{  
    color:rgb(184, 184, 194)  
}
```

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, 184, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 184, 194) }
```

Border

The CSS property to change the border of an element to Yxy 48.3664, 0.3050, 0.3163 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, 184, 194) }
```

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

```
.border{ border-color:rgb(184, 184, 194) }
```

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

Here you see how a box with a 4 pixel rgb(184, 184, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 184, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 184, 194);  
box-shadow:4px 4px 4px 4px rgb(184, 184,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3664, 0.3050, 0.3163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 184, 194) }
```

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

```
.background{ background-color: rgb(184,  
184, 194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor