

Converting Colors

Yxy(50.3486, 0.3180, 0.3187)

Have a look what the booklet for
Yxy(50.3486, 0.3180, 0.3187)
contains.

Yxy(50.1370, 0.3174, 0.3180)	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(50.1370, 0.3174, 0.3180)

Conversions

Conversions Part 1

Format	Color
Hex	C6B8C1
RGB	198, 184, 193
RGB Percent	78%, 72%, 76%
CMY	0.2237, 0.2783, 0.2432
CMYK	0.00, 0.07, 0.03, 0.22
HSL	321°, 11%, 75%
HSV	321°, 7%, 78%
XYZ	50.0424, 50.1370, 57.4841
YIQ	189.2120, 5.4550, 5.7670

Conversions

Conversions Part 2

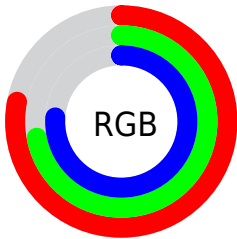
Format	Color
R_{YB}	198, 184, 193
Decimal	13023425
CIE Lab	76.15, 6.53, -2.76
CIE LCh	76, 7.088, 337.093
Yxy	50.1370, 0.3174, 0.3180
Android (android.graphics.Color)	4291213505 (0xFFC6B8C1)
YUV	189.2120, 1.8675, 7.7071
Hunter-Lab	70.8075, 2.2398, 1.4314

Details

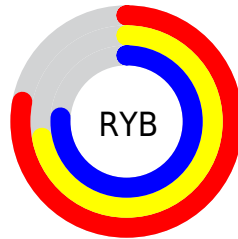
The Yxy color **50.1370, 0.3174, 0.3180** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.2292, 0.3083, 0.3403**, and the grayscale version is **51.0004, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4197, 0.3171, 0.3203**, and **24.0553, 0.3180, 0.3141** is the 20% darker color. If you saturate the color by 10%, you get **42.1743, 0.3251, 0.3017**, and if you desaturate by 10%, it is **59.2698, 0.3109, 0.3335**.

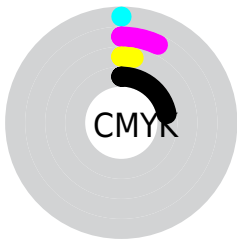
Distribution



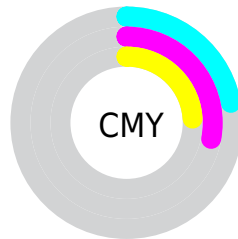
- Red (78%)
- Green (72%)
- Blue (76%)



- Red (78%)
- Yellow (72%)
- Blue (76%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (22%)





- Cyan (22%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1370, 0.3174, 0.3180 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 50.1370, 0.3174, 0.3180 by changing the saturation by 10% instead.


 50.1370, 0.3174,
0.3180

 50.1370, 0.3174,
0.3180


387.2015, 0.3151,
0.3234

 35.5223, 0.3180,
0.3167


 90.3778, 0.3166,
0.3199

 24.0655, 0.3187,
0.3150


116.7727, 0.3163,
0.3207

 15.3822, 0.3196,
0.3128


147.8631, 0.3160,
0.3213

 9.0881, 0.3209,
0.3098

184.0334, 0.3158,
0.3218

 4.7987, 0.3227,
0.3054

225.6680, 0.3156,
0.3223

 2.1296, 0.3257,
0.2984

273.1513, 0.3154,

 0.6812, 0.3330,

0.3227

0.2812

326.8676, 0.3153,
0.3231

0.0000, 0.0000,
0.0000

50.1370, 0.3174,
0.3180

50.1370, 0.3174,
0.3180

42.1743, 0.3251,
0.3017

59.2698, 0.3109,
0.3335

35.3273, 0.3342,
0.2849

69.6111, 0.3055,
0.3480

29.5474, 0.3448,
0.2681

81.2056, 0.3010,
0.3615

24.7794, 0.3569,
0.2521

88.7482, 0.2971,
0.3656

20.9634, 0.3705,
0.2377

89.1322, 0.2933,
0.3578

■ 18.0331, 0.3853,
0.2260

■ 89.5322, 0.2896,
0.3500

■ 15.9135, 0.4009,
0.2182

■ 89.9484, 0.2859,
0.3424

■ 14.5172, 0.4168,
0.2151

■ 90.3809, 0.2823,
0.3348

■ 13.7255, 0.4323,
0.2171

■ 90.7381, 0.2794,
0.3289

Harmonies

Analogous

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



50.1370, 0.3076, 0.3134



50.1370, 0.3174, 0.3180



50.1370, 0.3260, 0.3254

Triad

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



50.1370, 0.3174, 0.3180



50.1370, 0.3262, 0.3455



50.1370, 0.2947, 0.3237

Complementary

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



50.1370, 0.3174, 0.3180



54.2292, 0.3083, 0.3403

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.



50.1370, 0.2995, 0.3325



50.1370, 0.3174, 0.3180



50.1370, 0.3176, 0.3452

Square

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



50.1370, 0.3174, 0.3180



50.1370, 0.3311, 0.3412



50.1370, 0.3079, 0.3404



50.1370, 0.2946, 0.3165

Rectangle

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



50.1370, 0.3174, 0.3180



50.1370, 0.3299, 0.3311



50.1370, 0.3079, 0.3404



50.1370, 0.2958, 0.3265

Sweetspot

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



50.1392, 0.3174, 0.3180



96.6727, 0.3140, 0.3259



49.1715, 0.3060, 0.3116



20.7268, 0.3139, 0.3260



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.



50.1392, 0.3174, 0.3180



87.2088, 0.3182, 0.3163



49.8394, 0.3229, 0.3264



10.7500, 0.3191, 0.3142



8.8295, 0.4350, 0.2170



0.4315, 0.4053, 0.2007

Inverse Universe

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



50.1392, 0.3174, 0.3180



87.2088, 0.3182, 0.3163



54.5349, 0.3034, 0.3316



10.7500, 0.3191, 0.3142



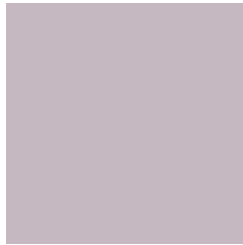
8.8295, 0.4350, 0.2170



0.4315, 0.4053, 0.2007

Previews

White Background



This preview shows how the Yxy color 50.1370, 0.3174, 0.3180 looks on a white background.

Color Contrast Check

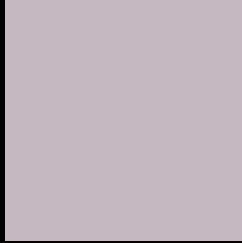
Large Text (above 18pt) WCAG AA × Fail

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 50.1370, 0.3174, 0.3180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

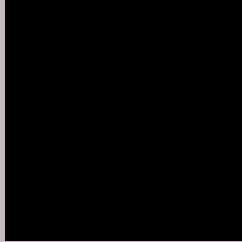
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

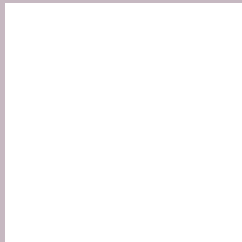
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.1370, 0.3174, 0.3180

Background



This preview shows how black text looks on a background with the Yxy color 50.1370, 0.3174, 0.3180.



This preview shows how white text looks on a background with the Yxy color 50.1370, 0.3174, 0.3180.

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

50.1370, 0.3174, 0.3180

Protanopia

50.2996, 0.3083, 0.3190

Deuteranopia

50.0027, 0.3219, 0.3157



Tritanopia

50.0863, 0.3144, 0.3107

Trichromacy



Original Color

50.1370, 0.3174, 0.3180

Protanomaly

50.2193, 0.3115, 0.3191

Deuteranomaly

50.1347, 0.3201, 0.3168

Tritanomaly

49.9946, 0.3160, 0.3131

Monochromacy



Original Color

50.1370, 0.3174, 0.3180

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.4648, 0.3145, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1370, 0.3174, 0.3180 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(198, 184, 193)` looks like.

```
.text, #text, p{  
    color:rgb(198, 184, 193)  
}
```

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(198, 184, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 184, 193) }
```

Border

The CSS property to change the border of an element to Yxy 50.1370, 0.3174, 0.3180 is called "border". The border property can be set on classes, ids or directly on the HTML element.

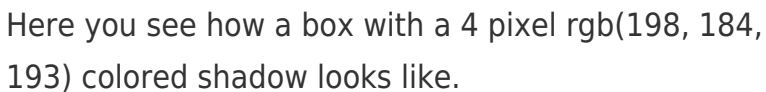
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 184, 193) }
```

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

```
.border{ border-color:rgb(198, 184, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 184, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 184, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 184, 193); box-shadow:4px 4px 4px 4px rgb(198, 184, 193) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1370, 0.3174, 0.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 184, 193) }
```

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

```
.background{ background-color: rgb(198,  
184, 193) }
```

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