

# Converting Colors

Yxy(51.4397, 0.3270, 0.3269)

Have a look what the booklet for  
Yxy(51.4397, 0.3270, 0.3269)  
contains.

<b>Yxy(51.5430, 0.3271, 0.3278)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(51.5430, 0.3271, 0.3278)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCBABB
RGB	204, 186, 187
RGB Percent	80%, 73%, 73%
CMY	0.2000, 0.2706, 0.2666
CMYK	0.00, 0.09, 0.08, 0.20
HSL	357°, 15%, 76%
HSV	357°, 9%, 80%
XYZ	51.4329, 51.5430, 54.2632
YIQ	191.4960, 10.4070, 4.1270

# Conversions

## Conversions Part 2

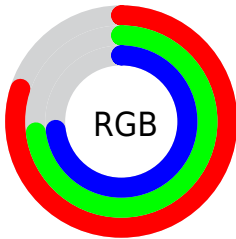
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	204, 186, 187
Decimal	13417147
CIE Lab	77.01, 6.56, 1.79
CIE LCh	77, 6.796, 15.271
Yxy	51.5430, 0.3271, 0.3278
Android (android.graphics.Color)	4291607227 (0xFFCCBABB)
YUV	191.4960, -2.2165, 10.9660
Hunter-Lab	71.7935, 2.2391, 5.4426

# Details

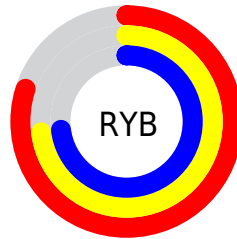
The Yxy color **51.5430, 0.3271, 0.3278** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.9384, 0.2999, 0.3302**, and the grayscale version is **52.4140, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2353, 0.3206, 0.3281**, and **24.9803, 0.3312, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **42.7845, 0.3472, 0.3264**, and if you desaturate by 10%, it is **61.6436, 0.3110, 0.3292**.

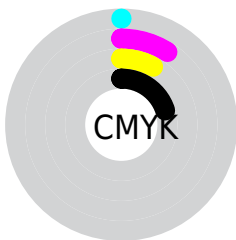
# Distribution



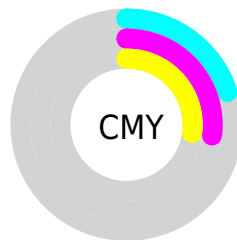
- Red (80%)
- Green (73%)
- Blue (73%)



- Red (80%)
- Yellow (73%)
- Blue (73%)



- Cyan (0%)
- Magenta (9%)
- Yellow (8%)
- Black (20%)




- Cyan (20%)
- Magenta (27%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 51.5430, 0.3271, 0.3278 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 51.5430, 0.3271, 0.3278 by changing the saturation by 10% instead.





 51.5430, 0.3271,  
0.3278

 51.5430, 0.3271,  
0.3278


392.6698, 0.3200,  
0.3284

 36.6409, 0.3288,  
0.3276


 92.4569, 0.3245,  
0.3280

 24.9296, 0.3311,  
0.3274


119.2376, 0.3236,  
0.3281

 16.0246, 0.3340,  
0.3271


150.7465, 0.3228,  
0.3282

 9.5416, 0.3380,  
0.3267

187.3682, 0.3221,  
0.3283

 5.0961, 0.3440,  
0.3261

229.4869, 0.3214,  
0.3283

 2.3037, 0.3536,  
0.3250

277.4872, 0.3209,

 0.7757, 0.3754,


0.3284


0.3241


331.7533, 0.3204,  
0.3284


 0.0000, 0.0000,  
0.0000


 51.5430, 0.3271,  
0.3278


 51.5430, 0.3271,  
0.3278


 42.7845, 0.3472,  
0.3264


 61.6436, 0.3110,  
0.3292


 35.3052, 0.3722,  
0.3249


 73.1323, 0.2981,  
0.3304

 29.0474, 0.4030,  
0.3234

 86.0613, 0.2876,  
0.3315

 23.9461, 0.4401,  
0.3222

 91.5781, 0.2827,  
0.3289

 19.9305, 0.4831,  
0.3214

■ 16.9218, 0.5294,  
0.3214

■ 14.8310, 0.5741,  
0.3225

■ 13.5530, 0.6103,  
0.3246

■ 12.9213, 0.6329,  
0.3270

# Harmonies

## Analogous

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



51.5430, 0.3196, 0.3203



51.5430, 0.3271, 0.3278



51.5430, 0.3307, 0.3358

# Triad

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



51.5430, 0.3271, 0.3278



51.5430, 0.3149, 0.3435



51.5430, 0.2963, 0.3158

# Complementary

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



51.5430, 0.3271, 0.3278



57.9384, 0.2999, 0.3302

# 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.



51.5430, 0.2951, 0.3219



51.5430, 0.3271, 0.3278



51.5430, 0.3057, 0.3380

# Square

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



51.5430, 0.3271, 0.3278



51.5430, 0.3235, 0.3450



51.5430, 0.2985, 0.3300



51.5430, 0.3019, 0.3134



# Rectangle

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



51.5430, 0.3271, 0.3278



51.5430, 0.3304, 0.3403



51.5430, 0.2985, 0.3300



51.5430, 0.2954, 0.3175

# Sweetspot

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



51.5453, 0.3271, 0.3278



94.7597, 0.3174, 0.3286



52.1474, 0.3127, 0.3075



19.9903, 0.3186, 0.3285



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

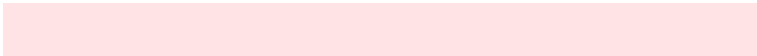


# Same Dimension

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



51.5453, 0.3271, 0.3278



81.8023, 0.3314, 0.3275



54.8792, 0.3270, 0.3385



11.2238, 0.3281, 0.3277



8.1006, 0.6333, 0.3262



0.4216, 0.6112, 0.3140

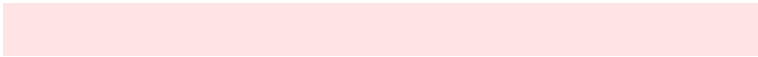


# Inverse Universe

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



51.5453, 0.3271, 0.3278



81.8023, 0.3314, 0.3275



54.3708, 0.2992, 0.3194



11.2238, 0.3281, 0.3277



8.1006, 0.6333, 0.3262



0.4216, 0.6112, 0.3140



# Previews

## White Background



This preview shows how the Yxy color 51.5430, 0.3271, 0.3278 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

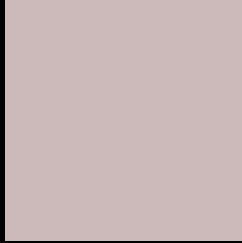
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 51.5430, 0.3271, 0.3278 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

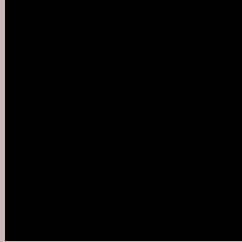
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 51.5430, 0.3271, 0.3278**

## Background



This preview shows how black text looks on a background with the Yxy color 51.5430, 0.3271, 0.3278.



This preview shows how white text looks on a background with the Yxy color 51.5430, 0.3271, 0.3278.

# 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

51.5430, 0.3271, 0.3278

### Protanopia

51.5386, 0.3168, 0.3290

### Deuteranopia

51.4241, 0.3317, 0.3255



## Tritanopia

51.5263, 0.3194, 0.3111

# Trichromacy



## Original Color

51.5430, 0.3271, 0.3278

## Protanomaly

51.6030, 0.3210, 0.3290

## Deuteranomaly

51.5512, 0.3298, 0.3266

## Tritanomaly

51.6172, 0.3217, 0.3170

# Monochromacy



## Original Color

51.5430, 0.3271, 0.3278

## Achromatopsia

52.7115, 0.3127, 0.3290

## Achromatomaly

52.2804, 0.3176, 0.3290

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 51.5430, 0.3271, 0.3278 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(204, 186, 187) looks like.

```
.text, #text, p{  
    color:rgb(204, 186, 187)  
}
```

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(204, 186, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 186, 187) }
```

## Border

The CSS property to change the border of an element to Yxy 51.5430, 0.3271, 0.3278 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(204, 186, 187) }
```

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

```
.border{ border-color:rgb(204, 186, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 186, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 186, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 186, 187);  
box-shadow:4px 4px 4px 4px rgb(204, 186,  
187) }
```



# Background

The CSS property to change the background color of an element to Yxy 51.5430, 0.3271, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 186, 187) }
```

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

```
.background{ background-color: rgb(204,  
186, 187) }
```

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