

# Converting Colors

Yxy(52.8620, 0.3263, 0.3304)

Have a look what the booklet for  
Yxy(52.8620, 0.3263, 0.3304)  
contains.

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# Color

**Yxy(52.8634, 0.3260, 0.3303)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCBDBC
RGB	204, 189, 188
RGB Percent	80%, 74%, 74%
CMY	0.2000, 0.2588, 0.2629
CMYK	0.00, 0.07, 0.08, 0.20
HSL	4°, 14%, 77%
HSV	4°, 8%, 80%
XYZ	52.1752, 52.8634, 55.0080
YIQ	193.3710, 9.2610, 2.8690

# Conversions

## Conversions Part 2

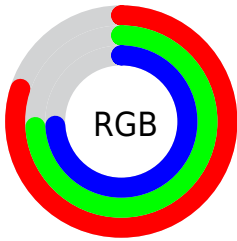
Format	Color
<a href="#">RYB</a>	<a href="#">204, 189, 188</a>
Decimal	<a href="#">13417916</a>
CIELab	<a href="#">77.79, 5.11, 2.43</a>
CIELCh	<a href="#">78, 5.658, 25.383</a>
Yxy	<a href="#">52.8634, 0.3260, 0.3303</a>
Android (android.graphics.Color)	<a href="#">4291607996</a> ( <a href="#">0xFFCCBDBC</a> )
YUV	<a href="#">193.3710, -2.6479, 9.3216</a>
Hunter-Lab	<a href="#">72.7072, 0.8552, 6.0381</a>

# Details

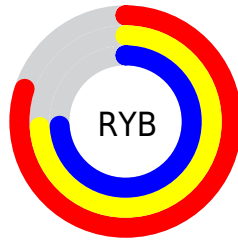
The Yxy color **52.8634, 0.3260, 0.3303** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.7430, 0.3007, 0.3277**, and the grayscale version is **53.5706, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0965, 0.3198, 0.3300**, and **25.8416, 0.3296, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **44.3736, 0.3464, 0.3321**, and if you desaturate by 10%, it is **62.5614, 0.3095, 0.3287**.

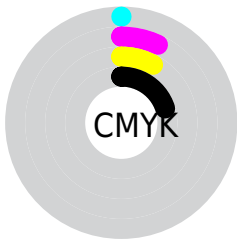
# Distribution



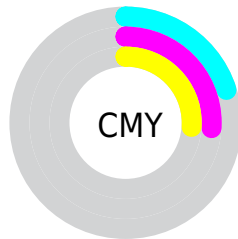
- Red (80%)
- Green (74%)
- Blue (74%)



- Red (80%)
- Yellow (74%)
- Blue (74%)



- Cyan (0%)
- Magenta (7%)
- Yellow (8%)
- Black (20%)




- Cyan (20%)
- Magenta (26%)
- Yellow (26%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 52.8634, 0.3260, 0.3303 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 52.8634, 0.3260, 0.3303 by changing the saturation by 10% instead.





 52.8634, 0.3260,  
0.3303

 52.8634, 0.3260,  
0.3303


397.7608, 0.3195,  
0.3297

 37.6937, 0.3276,  
0.3304


 94.4033, 0.3237,  
0.3301

 25.7451, 0.3296,  
0.3306


121.5424, 0.3228,  
0.3300

 16.6330, 0.3323,  
0.3308


153.4400, 0.3220,  
0.3299

 9.9732, 0.3360,  
0.3311

190.4806, 0.3214,  
0.3299

 5.3812, 0.3413,  
0.3315

233.0486, 0.3208,  
0.3298

 2.4726, 0.3499,  
0.3319

281.5284, 0.3203,

 0.8629, 0.3676,

0.3298

0.3342

336.3043, 0.3199,  
0.3297

0.0000, 0.0000,  
0.0000

52.8634, 0.3260,  
0.3303

52.8634, 0.3260,  
0.3303

44.3736, 0.3464,  
0.3321

62.5614, 0.3095,  
0.3287

37.0381, 0.3717,  
0.3339

73.5049, 0.2961,  
0.3272

30.8090, 0.4027,  
0.3358

85.7385, 0.2852,  
0.3258

25.6327, 0.4397,  
0.3375

91.5790, 0.2827,  
0.3289

21.4511, 0.4825,  
0.3387

■ 18.2001, 0.5285,  
0.3391

■ 15.8087, 0.5730,  
0.3384

■ 14.1951, 0.6094,  
0.3363

■ 13.2601, 0.6322,  
0.3336

# Harmonies

## Analogous

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



52.8634, 0.3208, 0.3237



52.8634, 0.3260, 0.3303



52.8634, 0.3276, 0.3366

# Triad

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



52.8634, 0.3260, 0.3303



52.8634, 0.3119, 0.3398



52.8634, 0.3003, 0.3171

# Complementary

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



52.8634, 0.3260, 0.3303



57.7430, 0.3007, 0.3277

# 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.



52.8634, 0.2980, 0.3212



52.8634, 0.3260, 0.3303



52.8634, 0.3047, 0.3343

# Square

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



52.8634, 0.3260, 0.3303



52.8634, 0.3194, 0.3422



52.8634, 0.2996, 0.3275



52.8634, 0.3059, 0.3161



# Rectangle

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



52.8634, 0.3260, 0.3303



52.8634, 0.3264, 0.3398



52.8634, 0.2996, 0.3275



52.8634, 0.2992, 0.3181

# Sweetspot

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



52.8657, 0.3260, 0.3303



96.6712, 0.3159, 0.3293



53.1106, 0.3142, 0.3109



20.7265, 0.3158, 0.3293



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

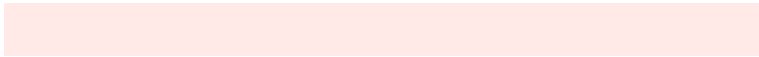


# Same Dimension

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



52.8657, 0.3260, 0.3303



85.6749, 0.3283, 0.3305



56.3048, 0.3251, 0.3396



11.3289, 0.3288, 0.3306



8.3144, 0.6347, 0.3342



0.4709, 0.6174, 0.3479



# Inverse Universe

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



57.7430, 0.3007, 0.3277



94.9552, 0.2988, 0.3275



54.1593, 0.3007, 0.3181



12.5972, 0.2984, 0.3274



26.1754, 0.2191, 0.3087

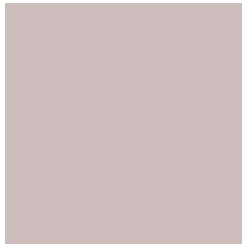


1.3889, 0.2203, 0.3130



# Previews

## White Background



This preview shows how the Yxy color 52.8634, 0.3260, 0.3303 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

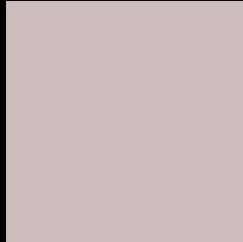
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 52.8634, 0.3260, 0.3303 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

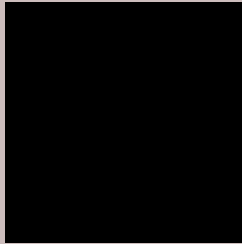
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

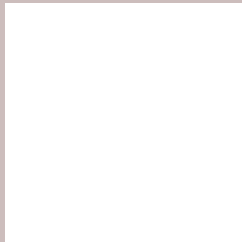
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 52.8634, 0.3260, 0.3303**

## Background



This preview shows how black text looks on a background with the Yxy color 52.8634, 0.3260, 0.3303.



This preview shows how white text looks on a background with the Yxy color 52.8634, 0.3260, 0.3303.

# 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

52.8634, 0.3260, 0.3303

### Protanopia

52.6715, 0.3183, 0.3315

### Deuteranopia

52.7890, 0.3323, 0.3255



## Tritanopia

52.9267, 0.3168, 0.3112

# Trichromacy



## Original Color

52.8634, 0.3260, 0.3303

## Protanomaly

52.6431, 0.3209, 0.3302

## Deuteranomaly

52.7701, 0.3296, 0.3267

## Tritanomaly

52.9768, 0.3198, 0.3183

# Monochromacy



## Original Color

52.8634, 0.3260, 0.3303

## Achromatopsia

53.3276, 0.3127, 0.3290

## Achromatomaly

53.3312, 0.3175, 0.3302

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 52.8634, 0.3260, 0.3303 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, 189, 188)` looks like.

```
.text, #text, p{  
    color:rgb(204, 189, 188)  
}
```

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, 189, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 189, 188) }
```

## Border

The CSS property to change the border of an element to Yxy 52.8634, 0.3260, 0.3303 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, 189, 188) }
```

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

```
.border{ border-color:rgb(204, 189, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 189, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 189, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 189, 188);  
box-shadow:4px 4px 4px 4px rgb(204, 189,  
188) }
```



# Background

The CSS property to change the background color of an element to Yxy 52.8634, 0.3260, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 189, 188) }
```

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

```
.background{ background-color: rgb(204,  
189, 188) }
```

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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