

# Converting Colors

$Yxy(53.0380, 0.3333, 0.3375)$

Have a look what the booklet for  
Yxy(53.0380, 0.3333, 0.3375)  
contains.

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# Color

**Yxy(53.0380, 0.3333, 0.3375)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFBDB6
RGB	207, 189, 182
RGB Percent	81%, 74%, 71%
CMY	0.1881, 0.2588, 0.2863
CMYK	0.00, 0.09, 0.12, 0.19
HSL	17°, 21%, 76%
HSV	17°, 12%, 81%
XYZ	52.3780, 53.0380, 51.7337
YIQ	193.5840, 12.9750, 1.6390

# Conversions

## Conversions Part 2

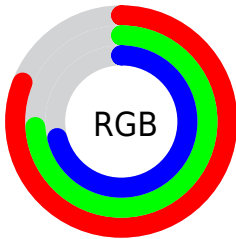
Format	Color
R <sub>Y</sub> B	207, 192, 182
Decimal	13614518
CIE Lab	77.90, 5.20, 5.83
CIE LCh	78, 7.809, 48.280
Yxy	53.0380, 0.3333, 0.3375
Android (android.graphics.Color)	4291804598 (0xFFCFBDB6)
YUV	193.5840, -5.7109, 11.7658
Hunter-Lab	72.8272, 0.9312, 8.8617

# Details

The Yxy color **53.0380, 0.3333, 0.3375** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.7734, 0.2942, 0.3203**, and the grayscale version is **53.7215, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7379, 0.3235, 0.3358**, and **25.9656, 0.3396, 0.3404** is the 20% darker color. If you saturate the color by 10%, you get **46.1565, 0.3539, 0.3450**, and if you desaturate by 10%, it is **60.7106, 0.3160, 0.3304**.

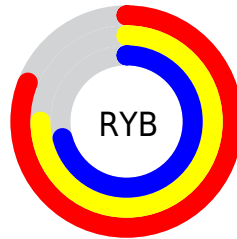
# Distribution



Red (81%)

Green (74%)

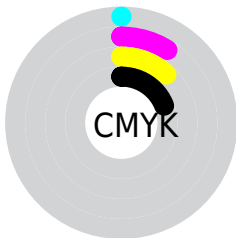
Blue (71%)



Red (81%)

Yellow (75%)

Blue (71%)

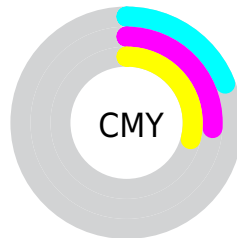


Cyan (0%)

Magenta (9%)

Yellow (12%)

Black (19%)



Cyan (19%)

Magenta (26%)


Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.0380, 0.3333, 0.3375 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 53.0380, 0.3333, 0.3375 by changing the saturation by 10% instead.





 53.0380, 0.3333,  
0.3375

 53.0380, 0.3333,  
0.3375


398.4309, 0.3232,  
0.3334

 37.8331, 0.3358,  
0.3385


 94.6603, 0.3297,  
0.3361

 25.8532, 0.3389,  
0.3397


121.8465, 0.3283,  
0.3355

 16.7138, 0.3431,  
0.3413

153.7952, 0.3271,  
0.3350

 10.0307, 0.3488,  
0.3434

190.8909, 0.3261,  
0.3346

 5.4193, 0.3571,  
0.3464

233.5179, 0.3252,  
0.3343

 2.4953, 0.3704,  
0.3509

282.0606, 0.3245,

 0.8743, 0.4044,

0.3340

0.3670

336.9035, 0.3238,  
0.3337

0.0000, 0.0000,  
0.0000

53.0380, 0.3333,  
0.3375

53.0380, 0.3333,  
0.3375

46.1565, 0.3539,  
0.3450

60.7106, 0.3160,  
0.3304

40.0338, 0.3784,  
0.3528

69.1915, 0.3014,  
0.3239

34.6454, 0.4071,  
0.3604

78.5061, 0.2892,  
0.3178

29.9629, 0.4399,  
0.3672

88.0284, 0.2840,  
0.3223

25.9561, 0.4762,  
0.3723

92.0087, 0.2844,  
0.3289

■ 22.5923, 0.5142,  
0.3747

■ 19.8359, 0.5509,  
0.3731

■ 17.6474, 0.5824,  
0.3670

■ 16.2821, 0.6023,  
0.3600

# Harmonies

## Analogous

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



53.0380, 0.3297, 0.3285



53.0380, 0.3333, 0.3375



53.0380, 0.3312, 0.3444

# Triad

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



53.0380, 0.3333, 0.3375



53.0380, 0.3038, 0.3384



53.0380, 0.3012, 0.3112

# Complementary

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



53.0380, 0.3333, 0.3375



55.7734, 0.2942, 0.3203

# 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.



53.0380, 0.2945, 0.3135



53.0380, 0.3333, 0.3375



53.0380, 0.2960, 0.3291

# Square

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



53.0380, 0.3333, 0.3375



53.0380, 0.3141, 0.3451



53.0380, 0.2926, 0.3200



53.0380, 0.3111, 0.3136



# Rectangle

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



53.0380, 0.3333, 0.3375



53.0380, 0.3270, 0.3469



53.0380, 0.2926, 0.3200



53.0380, 0.2985, 0.3115

# Sweetspot

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



53.0403, 0.3333, 0.3375



94.7610, 0.3191, 0.3318



50.9125, 0.3194, 0.3072



20.0769, 0.3204, 0.3323



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

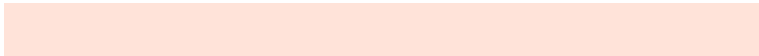


# Same Dimension

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



53.0403, 0.3333, 0.3375



81.4375, 0.3393, 0.3398



58.5059, 0.3315, 0.3519



12.3386, 0.3284, 0.3356



10.3947, 0.5999, 0.3619



0.7161, 0.5631, 0.3911

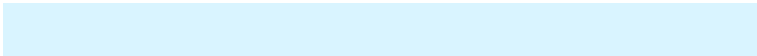


# Inverse Universe

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



55.7734, 0.2942, 0.3203



86.8198, 0.2894, 0.3180



50.3502, 0.2939, 0.3050



12.8250, 0.2983, 0.3223



16.5743, 0.1989, 0.2361

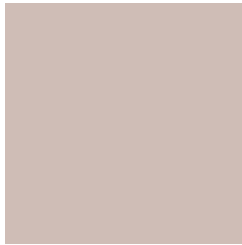


1.0569, 0.2042, 0.2552



# Previews

## White Background



This preview shows how the Yxy color 53.0380, 0.3333, 0.3375 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 53.0380, 0.3333, 0.3375 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

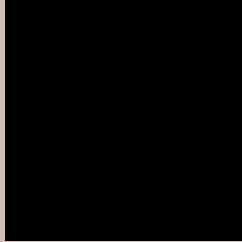
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 53.0380, 0.3333, 0.3375**

## Background



This preview shows how black text looks on a background with the Yxy color 53.0380, 0.3333, 0.3375.



This preview shows how white text looks on a background with the Yxy color 53.0380, 0.3333, 0.3375.

# 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

53.0380, 0.3333, 0.3375

### Protanopia

53.1657, 0.3237, 0.3389

### Deuteranopia

52.9838, 0.3398, 0.3326



## Tritanopia

53.0365, 0.3210, 0.3114

# Trichromacy



## Original Color

53.0380, 0.3333, 0.3375

## Protanomaly

53.0980, 0.3271, 0.3388

## Deuteranomaly

52.9566, 0.3371, 0.3338

## Tritanomaly

52.9910, 0.3256, 0.3207

# Monochromacy



## Original Color

53.0380, 0.3333, 0.3375

## Achromatopsia

53.9479, 0.3127, 0.3290

## Achromatomaly

53.5591, 0.3199, 0.3315

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.0380, 0.3333, 0.3375 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(207, 189, 182)` looks like.

```
.text, #text, p{  
    color:rgb(207, 189, 182)  
}
```

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(207, 189, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 189, 182) }
```

## Border

The CSS property to change the border of an element to Yxy 53.0380, 0.3333, 0.3375 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(207, 189, 182) }
```

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

```
.border{ border-color:rgb(207, 189, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 189, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 189, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 189, 182);  
box-shadow:4px 4px 4px 4px rgb(207, 189,  
182) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.0380, 0.3333, 0.3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 189, 182) }
```

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

```
.background{ background-color: rgb(207,  
189, 182) }
```

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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