

# Converting Colors

Yxy(53.2120, 0.3365, 0.3230)

Have a look what the booklet for  
Yxy(53.2120, 0.3365, 0.3230)  
contains.

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# Color

**Yxy(53.3211, 0.3368, 0.3232)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAB9BE
RGB	218, 185, 190
RGB Percent	85%, 73%, 75%
CMY	0.1450, 0.2745, 0.2548
CMYK	0.00, 0.15, 0.13, 0.14
HSL	351°, 31%, 79%
HSV	351°, 15%, 86%
XYZ	55.5648, 53.3211, 56.0927
YIQ	195.4370, 18.0630, 8.5510

# Conversions

## Conversions Part 2

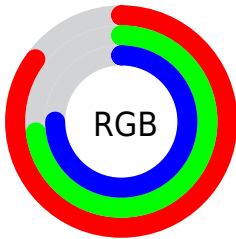
Format	Color
R <sub>Y</sub> B	218, 185, 190
Decimal	14334398
CIE Lab	78.06, 12.63, 1.85
CIE LCh	78, 12.764, 8.337
Yxy	53.3211, 0.3368, 0.3232
Android (android.graphics.Color)	4292524478 (0xFFDAB9BE)
YUV	195.4370, -2.6804, 19.7878
Hunter-Lab	73.0213, 8.0405, 5.5701

# Details

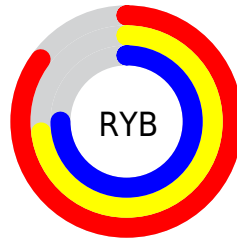
The Yxy color **53.3211, 0.3368, 0.3232** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.2744, 0.2929, 0.3349**, and the grayscale version is **54.8592, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8244, 0.3188, 0.3242**, and **26.0952, 0.3432, 0.3214** is the 20% darker color. If you saturate the color by 10%, you get **44.1327, 0.3576, 0.3191**, and if you desaturate by 10%, it is **64.0154, 0.3200, 0.3271**.

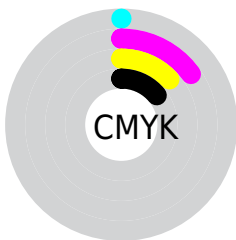
# Distribution



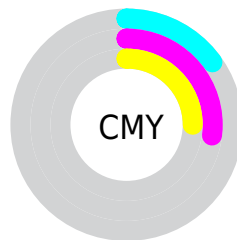
- Red (85%)
- Green (73%)
- Blue (75%)



- Red (85%)
- Yellow (73%)
- Blue (75%)



- Cyan (0%)
- Magenta (15%)
- Yellow (13%)
- Black (14%)




- Cyan (15%)
- Magenta (27%)
- Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3211, 0.3368, 0.3232 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 53.3211, 0.3368, 0.3232 by changing the saturation by 10% instead.





 53.3211, 0.3368,  
0.3232

 53.3211, 0.3368,  
0.3232

399.5158, 0.3250,  
0.3261

 38.0592, 0.3397,  
0.3225


 95.0767, 0.3326,  
0.3243

 26.0286, 0.3433,  
0.3215


122.3391, 0.3310,  
0.3247

 16.8450, 0.3482,  
0.3203


154.3706, 0.3296,  
0.3250

 10.1241, 0.3548,  
0.3186

191.5553, 0.3284,  
0.3253

 5.4813, 0.3644,  
0.3160

234.2778, 0.3274,  
0.3255

 2.5323, 0.3797,  
0.3119

282.9225, 0.3265,

 0.8928, 0.4083,

0.3257

0.3044

337.8737, 0.3257,  
0.3259

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

53.3211, 0.3368,  
0.3232

53.3211, 0.3368,  
0.3232

44.1327, 0.3576,  
0.3191

64.0154, 0.3200,  
0.3271

36.3759, 0.3832,  
0.3150

76.2717, 0.3065,  
0.3307

29.9805, 0.4144,  
0.3111

90.1518, 0.2956,  
0.3340

24.8676, 0.4512,  
0.3080

93.6497, 0.2906,  
0.3289

■ 20.9504, 0.4928,  
0.3064

■ 18.1310, 0.5362,  
0.3070

■ 16.2962, 0.5769,  
0.3104

■ 15.3078, 0.6089,  
0.3164

■ 15.0207, 0.6208,  
0.3194

# Harmonies

## Analogous

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



53.3211, 0.3216, 0.3103



53.3211, 0.3368, 0.3232



53.3211, 0.3455, 0.3379

# Triad

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



53.3211, 0.3368, 0.3232



53.3211, 0.3205, 0.3577



53.3211, 0.2812, 0.3064

# Complementary

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



53.3211, 0.3368, 0.3232



65.2744, 0.2929, 0.3349

# 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.



53.3211, 0.2810, 0.3187



53.3211, 0.3368, 0.3232



53.3211, 0.3034, 0.3489

# Square

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



53.3211, 0.3368, 0.3232



53.3211, 0.3359, 0.3583



53.3211, 0.2890, 0.3343



53.3211, 0.2896, 0.3006



# Rectangle

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



53.3211, 0.3368, 0.3232



53.3211, 0.3463, 0.3469



53.3211, 0.2890, 0.3343



53.3211, 0.2802, 0.3099

# Sweetspot

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



53.3235, 0.3368, 0.3232



91.4565, 0.3199, 0.3271



53.8331, 0.3100, 0.2912



19.3283, 0.3209, 0.3269



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.



53.3235, 0.3368, 0.3232



71.8727, 0.3426, 0.3220



57.8941, 0.3390, 0.3418



13.0837, 0.3268, 0.3255



9.0064, 0.6180, 0.3178



0.5938, 0.5778, 0.2956



# Inverse Universe

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



53.3235, 0.3368, 0.3232



71.8727, 0.3426, 0.3220



60.0103, 0.2893, 0.3158



13.0837, 0.3268, 0.3255



9.0064, 0.6180, 0.3178



0.5938, 0.5778, 0.2956



# Previews

## White Background



This preview shows how the Yxy color 53.3211, 0.3368, 0.3232 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

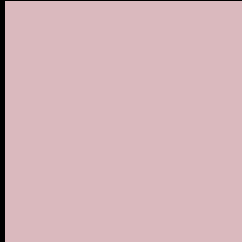
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 53.3211, 0.3368, 0.3232 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

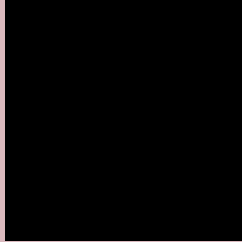
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 53.3211, 0.3368, 0.3232**

## **Background**



This preview shows how black text looks on a background with the Yxy color 53.3211, 0.3368, 0.3232.



This preview shows how white text looks on a background with the Yxy color 53.3211, 0.3368, 0.3232.

# 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

53.3211, 0.3368, 0.3232

### Protanopia

53.3301, 0.3144, 0.3266

### Deuteranopia

53.4045, 0.3322, 0.3255



## Tritanopia

53.4183, 0.3312, 0.3129

# Trichromacy



## Original Color

53.3211, 0.3368, 0.3232

## Protanomaly

53.0828, 0.3220, 0.3242

## Deuteranomaly

53.2826, 0.3341, 0.3244

## Tritanomaly

53.2812, 0.3337, 0.3163

# Monochromacy



## Original Color

53.3211, 0.3368, 0.3232

## Achromatopsia

54.5724, 0.3127, 0.3290

## Achromatomaly

53.8084, 0.3210, 0.3266

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.3211, 0.3368, 0.3232 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(218, 185, 190)` looks like.

```
.text, #text, p{  
    color:rgb(218, 185, 190)  
}
```

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(218, 185, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 185, 190) }
```

## Border

The CSS property to change the border of an element to Yxy 53.3211, 0.3368, 0.3232 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(218, 185, 190) }
```

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

```
.border{ border-color:rgb(218, 185, 190) }
```

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

Here you see how a box with a 4 pixel rgb(218, 185, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 185, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 185, 190);  
box-shadow:4px 4px 4px 4px rgb(218, 185,  
190) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.3211, 0.3368, 0.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 185, 190) }
```

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

```
.background{ background-color: rgb(218,  
185, 190) }
```

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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