

# Converting Colors

Yxy(53.1428, 0.3484, 0.3257)

Have a look what the booklet for  
Yxy(53.1428, 0.3484, 0.3257)  
contains.

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# Color

**Yxy(53.1274, 0.3485, 0.3257)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2B6B9
RGB	226, 182, 185
RGB Percent	89%, 71%, 73%
CMY	0.1137, 0.2862, 0.2746
CMYK	0.00, 0.19, 0.18, 0.11
HSL	356°, 43%, 80%
HSV	356°, 19%, 89%
XYZ	56.8465, 53.1274, 53.1437
YIQ	195.4980, 25.2610, 10.2610

# Conversions

## Conversions Part 2

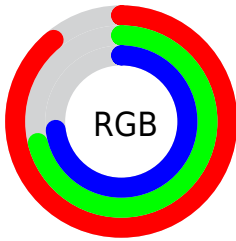
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	226, 182, 185
Decimal	14857913
CIE Lab	77.95, 16.31, 4.51
CIE LCh	78, 16.924, 15.471
Yxy	53.1274, 0.3485, 0.3257
Android (android.graphics.Color)	4293047993 (0xFFE2B6B9)
YUV	195.4980, -5.1755, 26.7503
Hunter-Lab	72.8885, 11.6589, 7.7931

# Details

The Yxy color  $53.1274, 0.3485, 0.3257$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $69.6678, 0.2854, 0.3324$ , and the grayscale version is  $54.9065, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $88.7599, 0.3222, 0.3261$ , and  $25.9125, 0.3582, 0.3246$  is the 20% darker color. If you saturate the color by 10%, you get  $43.7824, 0.3738, 0.3239$ , and if you desaturate by 10%, it is  $64.1029, 0.3282, 0.3275$ .

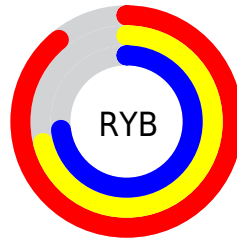
# Distribution



Red (89%)

Green (71%)

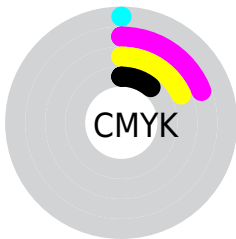
Blue (73%)



Red (89%)

Yellow (71%)

Blue (73%)

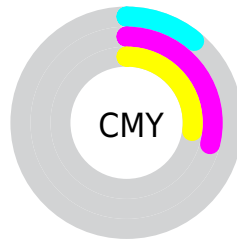


Cyan (0%)

Magenta (19%)

Yellow (18%)

Black (11%)



Cyan (11%)

Magenta (29%)


Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.1274, 0.3485, 0.3257 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 53.1274, 0.3485, 0.3257 by changing the saturation by 10% instead.





 53.1274, 0.3485,  
0.3257

 53.1274, 0.3485,  
0.3257


398.7737, 0.3309,  
0.3275

 37.9045, 0.3528,  
0.3252


 94.7918, 0.3422,  
0.3264

 25.9086, 0.3583,  
0.3246


122.0021, 0.3398,  
0.3266

 16.7552, 0.3655,  
0.3236


153.9770, 0.3377,  
0.3268

 10.0601, 0.3754,  
0.3223

191.1008, 0.3360,  
0.3270

 5.4389, 0.3899,  
0.3202

233.7580, 0.3345,  
0.3272

 2.5070, 0.4129,  
0.3164

282.3329, 0.3331,

 0.8801, 0.4603,

0.3273

0.3119

337.2100, 0.3319,  
0.3274

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

53.1274, 0.3485,  
0.3257

53.1274, 0.3485,  
0.3257

43.7824, 0.3738,  
0.3239

64.1029, 0.3282,  
0.3275

35.9835, 0.4049,  
0.3222

76.7739, 0.3119,  
0.3291

29.6494, 0.4424,  
0.3207

91.2106, 0.2989,  
0.3306

24.6886, 0.4856,  
0.3198

94.9086, 0.2952,  
0.3289

■ 20.9993, 0.5320,  
0.3199

■ 18.4656, 0.5763,  
0.3212

■ 16.9505, 0.6118,  
0.3238

■ 16.2334, 0.6334,  
0.3267

■ 16.2038, 0.6343,  
0.3268

# Harmonies

## Analogous

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



53.1274, 0.3297, 0.3080



53.1274, 0.3485, 0.3257



53.1274, 0.3575, 0.3449

# Triad

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



53.1274, 0.3485, 0.3257



53.1274, 0.3174, 0.3657



53.1274, 0.2729, 0.2963

# Complementary

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



53.1274, 0.3485, 0.3257



69.6678, 0.2854, 0.3324

# 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.



53.1274, 0.2700, 0.3106



53.1274, 0.3485, 0.3257



53.1274, 0.2951, 0.3515

# Square

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



53.1274, 0.3485, 0.3257



53.1274, 0.3390, 0.3689



53.1274, 0.2780, 0.3308



53.1274, 0.2861, 0.2912



# Rectangle

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



53.1274, 0.3485, 0.3257



53.1274, 0.3564, 0.3562



53.1274, 0.2780, 0.3308



53.1274, 0.2707, 0.3002

# Sweetspot

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



53.1298, 0.3485, 0.3257



89.7386, 0.3222, 0.3280



54.5326, 0.3120, 0.2804



18.9794, 0.3233, 0.3279



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.



53.1298, 0.3485, 0.3257



65.0824, 0.3572, 0.3250



61.0117, 0.3471, 0.3498



13.7155, 0.3281, 0.3275



9.2505, 0.6325, 0.3258



0.6465, 0.6116, 0.3143



# Inverse Universe

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



53.1298, 0.3485, 0.3257



65.0824, 0.3572, 0.3250



60.3879, 0.2823, 0.3072



13.7155, 0.3281, 0.3275



9.2505, 0.6325, 0.3258

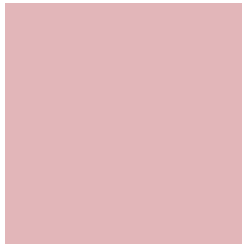


0.6465, 0.6116, 0.3143



# Previews

## White Background



This preview shows how the Yxy color 53.1274, 0.3485, 0.3257 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

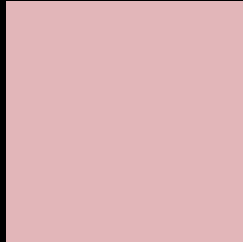
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 53.1274, 0.3485, 0.3257 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

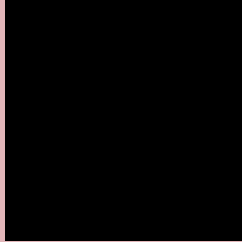
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 53.1274, 0.3485, 0.3257**

## Background



This preview shows how black text looks on a background with the Yxy color 53.1274, 0.3485, 0.3257.



This preview shows how white text looks on a background with the Yxy color 53.1274, 0.3485, 0.3257.

# 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

53.1274, 0.3485, 0.3257

### Protanopia

53.3312, 0.3175, 0.3302

### Deuteranopia

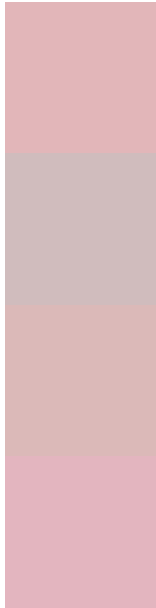
53.0256, 0.3390, 0.3314



## Tritanopia

53.3188, 0.3410, 0.3132

# Trichromacy



## Original Color

53.1274, 0.3485, 0.3257

## Protanomaly

53.0505, 0.3287, 0.3279

## Deuteranomaly

53.2187, 0.3426, 0.3303

## Tritanomaly

53.1402, 0.3444, 0.3177

# Monochromacy



## Original Color

53.1274, 0.3485, 0.3257

## Achromatopsia

55.2011, 0.3127, 0.3290

## Achromatomaly

54.3328, 0.3251, 0.3278

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.1274, 0.3485, 0.3257 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(226, 182, 185)` looks like.

```
.text, #text, p{  
    color:rgb(226, 182, 185)  
}
```

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(226, 182, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 182, 185) }
```

## Border

The CSS property to change the border of an element to Yxy 53.1274, 0.3485, 0.3257 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(226, 182, 185) }
```

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

```
.border{ border-color:rgb(226, 182, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 182, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 182, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 182, 185); box-shadow:4px 4px 4px 4px rgb(226, 182, 185) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.1274, 0.3485, 0.3257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 182, 185) }
```

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

```
.background{ background-color: rgb(226,  
182, 185) }
```

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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