

# Converting Colors

$Yxy(52.8155, 0.3465, 0.3291)$

Have a look what the booklet for  
Yxy(52.8155, 0.3465, 0.3291)  
contains.

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# Color

**Yxy(52.8155, 0.3465, 0.3291)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEB7B7
RGB	222, 183, 183
RGB Percent	87%, 72%, 72%
CMY	0.1294, 0.2824, 0.2824
CMYK	0.00, 0.18, 0.18, 0.13
HSL	0°, 37%, 79%
HSV	0°, 18%, 87%
XYZ	55.6079, 52.8155, 52.0612
YIQ	194.6610, 23.2440, 8.2680

# Conversions

## Conversions Part 2

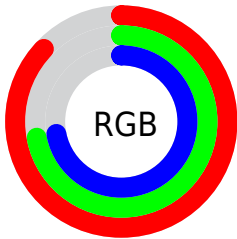
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	222, 183, 183
Decimal	14596023
CIE Lab	77.77, 14.02, 5.27
CIE LCh	78, 14.981, 20.610
Yxy	52.8155, 0.3465, 0.3291
Android (android.graphics.Color)	4292786103 (0xFFDEB7B7)
YUV	194.6610, -5.7489, 23.9763
Hunter-Lab	72.6743, 9.4023, 8.3988

# Details

The Yxy color  $52.8155, 0.3465, 0.3291$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $67.5908, 0.2863, 0.3289$ , and the grayscale version is  $54.3874, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $89.2250, 0.3234, 0.3290$ , and  $25.6840, 0.3554, 0.3291$  is the 20% darker color. If you saturate the color by 10%, you get  $43.5180, 0.3726, 0.3292$ , and if you desaturate by 10%, it is  $63.7079, 0.3257, 0.3290$ .

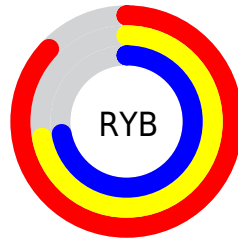
# Distribution



Red (87%)

Green (72%)

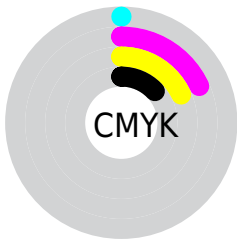
Blue (72%)



Red (87%)

Yellow (72%)

Blue (72%)

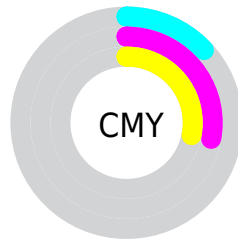


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (13%)



Cyan (13%)

Magenta (28%)


Yellow (28%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 52.8155, 0.3465, 0.3291 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 52.8155, 0.3465, 0.3291 by changing the saturation by 10% instead.





 52.8155, 0.3465,  
0.3291

 52.8155, 0.3465,  
0.3291


397.5769, 0.3299,  
0.3292

 37.6555, 0.3506,  
0.3290


 94.3328, 0.3405,  
0.3292

 25.7154, 0.3558,  
0.3289

121.4589, 0.3382,  
0.3292

 16.6109, 0.3626,  
0.3286

153.3426, 0.3363,  
0.3292

 9.9574, 0.3721,  
0.3282

190.3681, 0.3347,  
0.3292

 5.3707, 0.3858,  
0.3274

232.9198, 0.3332,  
0.3292

 2.4664, 0.4078,  
0.3256

281.3823, 0.3320,

 0.8597, 0.4570,

0.3293

0.3271

336.1399, 0.3309,  
0.3293

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

52.8155, 0.3465,  
0.3291

52.8155, 0.3465,  
0.3291

43.5180, 0.3726,  
0.3292

63.7079, 0.3257,  
0.3290

35.7340, 0.4048,  
0.3293

76.2575, 0.3090,  
0.3290

29.3854, 0.4439,  
0.3294

90.5321, 0.2957,  
0.3289

24.3847, 0.4889,  
0.3295

94.2720, 0.2929,  
0.3289

■ 20.6346, 0.5371,  
0.3297

■ 18.0247, 0.5825,  
0.3298

■ 16.4256, 0.6174,  
0.3299

■ 15.6610, 0.6366,  
0.3300

■ 15.5323, 0.6401,  
0.3300

# Harmonies

## Analogous

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



52.8155, 0.3311, 0.3127



52.8155, 0.3465, 0.3291



52.8155, 0.3526, 0.3460

# Triad

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



52.8155, 0.3465, 0.3291



52.8155, 0.3135, 0.3599



52.8155, 0.2787, 0.2986

# Complementary

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



52.8155, 0.3465, 0.3291



67.5908, 0.2863, 0.3289

# 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.



52.8155, 0.2744, 0.3101



52.8155, 0.3465, 0.3291



52.8155, 0.2941, 0.3460

# Square

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



52.8155, 0.3465, 0.3291



52.8155, 0.3331, 0.3645



52.8155, 0.2800, 0.3275



52.8155, 0.2919, 0.2954



# Rectangle

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



52.8155, 0.3465, 0.3291



52.8155, 0.3504, 0.3554



52.8155, 0.2800, 0.3275



52.8155, 0.2762, 0.3016

# Sweetspot

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



52.8179, 0.3465, 0.3291



91.3396, 0.3211, 0.3290



54.6727, 0.3148, 0.2856



19.3000, 0.3223, 0.3290



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.



52.8179, 0.3465, 0.3291



67.4835, 0.3552, 0.3291



61.4299, 0.3427, 0.3513



13.7007, 0.3292, 0.3291



9.2246, 0.6401, 0.3300



0.6395, 0.6401, 0.3300

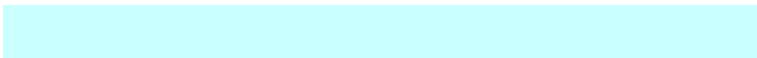


# Inverse Universe

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



67.5908, 0.2863, 0.3289



91.2175, 0.2813, 0.3289



57.8208, 0.2852, 0.3056



15.5722, 0.2982, 0.3290



34.1587, 0.2247, 0.3287



2.3677, 0.2247, 0.3287



# Previews

## White Background



This preview shows how the Yxy color 52.8155, 0.3465, 0.3291 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

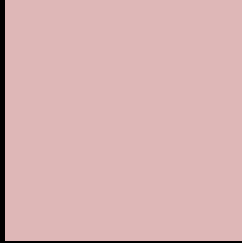
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 52.8155, 0.3465, 0.3291 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

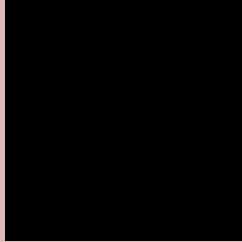
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 52.8155, 0.3465, 0.3291**

## **Background**



This preview shows how black text looks on a background with the Yxy color 52.8155, 0.3465, 0.3291.



This preview shows how white text looks on a background with the Yxy color 52.8155, 0.3465, 0.3291.

# 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

52.8155, 0.3465, 0.3291

### Protanopia

53.2004, 0.3198, 0.3339

### Deuteranopia

52.9423, 0.3407, 0.3338



## Tritanopia

52.8352, 0.3384, 0.3131

# Trichromacy



## Original Color

52.8155, 0.3465, 0.3291

## Protanomaly

53.0622, 0.3292, 0.3327

## Deuteranomaly

52.9807, 0.3434, 0.3326

## Tritanomaly

52.9055, 0.3408, 0.3187

# Monochromacy



## Original Color

52.8155, 0.3465, 0.3291

## Achromatopsia

54.5724, 0.3127, 0.3290

## Achromatomaly

54.0023, 0.3242, 0.3290

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 52.8155, 0.3465, 0.3291 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(222, 183, 183)` looks like.

```
.text, #text, p{  
    color:rgb(222, 183, 183)  
}
```

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(222, 183, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 183, 183) }
```

## Border

The CSS property to change the border of an element to Yxy 52.8155, 0.3465, 0.3291 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(222, 183, 183) }
```

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

```
.border{ border-color:rgb(222, 183, 183) }
```

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

Here you see how a box with a 4 pixel rgb(222, 183, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 183, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 183, 183);  
box-shadow:4px 4px 4px 4px rgb(222, 183,  
183) }
```



# Background

The CSS property to change the background color of an element to Yxy 52.8155, 0.3465, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 183, 183) }
```

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

```
.background{ background-color: rgb(222,  
183, 183) }
```

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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