

# Converting Colors

Yxy(53.9296, 0.3181, 0.3183)

Have a look what the booklet for  
Yxy(53.9296, 0.3181, 0.3183)  
contains.

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# Color

**Yxy(53.9296, 0.3181, 0.3183)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDBEC7
RGB	205, 190, 199
RGB Percent	80%, 75%, 78%
CMY	0.1961, 0.2549, 0.2196
CMYK	0.00, 0.07, 0.03, 0.20
HSL	324°, 13%, 77%
HSV	324°, 7%, 80%
XYZ	53.8957, 53.9296, 61.6048
YIQ	195.5110, 6.0510, 5.9790

# Conversions

## Conversions Part 2

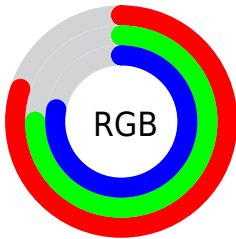
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 190, 199
Decimal	13483719
CIE Lab	78.42, 6.86, -2.62
CIE LCh	78, 7.348, 339.083
Yxy	53.9296, 0.3181, 0.3183
Android (android.graphics.Color)	4291673799 (0xFFCDBEC7)
YUV	195.5110, 1.7201, 8.3219
Hunter-Lab	73.4368, 2.4879, 1.6684

# Details

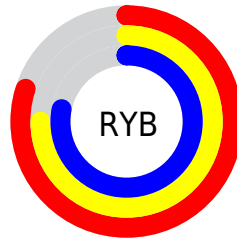
The Yxy color  $53.9296, 0.3181, 0.3183$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $58.5876, 0.3077, 0.3399$ , and the grayscale version is  $54.8810, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $94.3915, 0.3131, 0.3204$ , and  $26.5150, 0.3199, 0.3163$  is the 20% darker color. If you saturate the color by 10%, you get  $45.2974, 0.3267, 0.3030$ , and if you desaturate by 10%, it is  $63.8357, 0.3109, 0.3328$ .

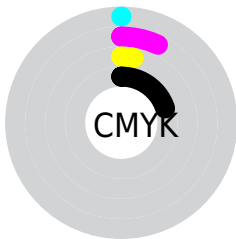
# Distribution



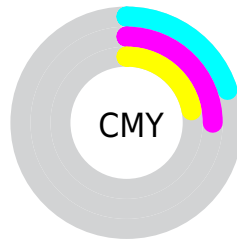
- Red (80%)
- Green (75%)
- Blue (78%)



- Red (80%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (20%)




- Cyan (20%)
- Magenta (25%)
- Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.9296, 0.3181, 0.3183 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 53.9296, 0.3181, 0.3183 by changing the saturation by 10% instead.




 53.9296, 0.3181,  
0.3183

 53.9296, 0.3181,  
0.3183

401.8415, 0.3155,  
0.3235

 38.5454, 0.3187,  
0.3171


 95.9709, 0.3172,  
0.3201

 26.4062, 0.3195,  
0.3155


123.3967, 0.3168,  
0.3209

 17.1278, 0.3205,  
0.3134


155.6052, 0.3165,  
0.3215

 10.3257, 0.3219,  
0.3106

192.9808, 0.3163,  
0.3220

 5.6154, 0.3239,  
0.3067

235.9078, 0.3160,  
0.3224

 2.6127, 0.3271,  
0.3005

284.7707, 0.3158,

 0.9330, 0.3326,

0.3228

0.2895

339.9538, 0.3157,  
0.3232

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

53.9296, 0.3181,  
0.3183

53.9296, 0.3181,  
0.3183

45.2974, 0.3267,  
0.3030

63.8357, 0.3109,  
0.3328

37.8800, 0.3369,  
0.2872

75.0577, 0.3049,  
0.3464

31.6239, 0.3488,  
0.2714

87.6446, 0.2999,  
0.3590

26.4689, 0.3626,  
0.2563

90.3077, 0.2955,  
0.3536

■ 22.3494, 0.3782,  
0.2429

■ 90.7829, 0.2911,  
0.3448

■ 19.1927, 0.3953,  
0.2322

■ 91.2800, 0.2868,  
0.3361

■ 16.9167, 0.4134,  
0.2254

■ 91.7166, 0.2832,  
0.3289

■ 15.4253, 0.4319,  
0.2234

■ 14.5867, 0.4499,  
0.2266

# Harmonies

## Analogous

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



53.9296, 0.3082, 0.3134



53.9296, 0.3181, 0.3183



53.9296, 0.3267, 0.3260

# Triad

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



53.9296, 0.3181, 0.3183



53.9296, 0.3259, 0.3458



53.9296, 0.2943, 0.3230

# Complementary

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



53.9296, 0.3181, 0.3183



58.5876, 0.3077, 0.3399

# 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.



53.9296, 0.2989, 0.3319



53.9296, 0.3181, 0.3183



53.9296, 0.3170, 0.3452

# Square

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



53.9296, 0.3181, 0.3183



53.9296, 0.3312, 0.3418



53.9296, 0.3072, 0.3401



53.9296, 0.2946, 0.3160



# Rectangle

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



53.9296, 0.3181, 0.3183



53.9296, 0.3304, 0.3317



53.9296, 0.3072, 0.3401



53.9296, 0.2953, 0.3259

# Sweetspot

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



53.9319, 0.3181, 0.3183



96.6587, 0.3141, 0.3261



52.9407, 0.3061, 0.3109



20.7239, 0.3141, 0.3262



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.



53.9319, 0.3181, 0.3183



85.6454, 0.3195, 0.3156



53.6031, 0.3237, 0.3269



11.3250, 0.3198, 0.3152



8.9922, 0.4524, 0.2266



0.4786, 0.4200, 0.2087



# Inverse Universe

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



53.9319, 0.3181, 0.3183



85.6454, 0.3195, 0.3156



58.9257, 0.3027, 0.3311



11.3250, 0.3198, 0.3152



8.9922, 0.4524, 0.2266

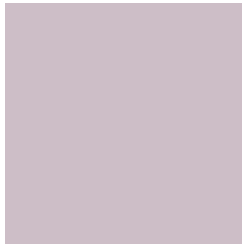


0.4786, 0.4200, 0.2087



# Previews

## White Background



This preview shows how the Yxy color 53.9296, 0.3181, 0.3183 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 53.9296, 0.3181, 0.3183 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

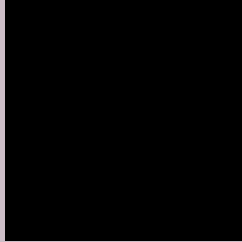
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

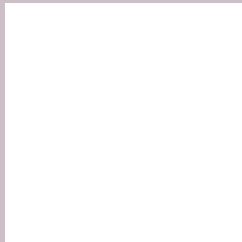
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 53.9296, 0.3181, 0.3183**

## **Background**



This preview shows how black text looks on a background with the Yxy color 53.9296, 0.3181, 0.3183.



This preview shows how white text looks on a background with the Yxy color 53.9296, 0.3181, 0.3183.

# 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

53.9296, 0.3181, 0.3183

### Protanopia

54.0927, 0.3092, 0.3193

### Deuteranopia

53.7916, 0.3224, 0.3161



## Tritanopia

53.8766, 0.3152, 0.3113

# Trichromacy



## Original Color

53.9296, 0.3181, 0.3183

## Protanomaly

54.0115, 0.3124, 0.3194

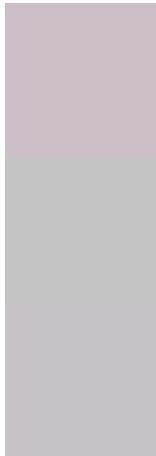
## Deuteranomaly

53.9286, 0.3207, 0.3172

## Tritanomaly

53.7813, 0.3167, 0.3136

# Monochromacy



## Original Color

53.9296, 0.3181, 0.3183

## Achromatopsia

55.2011, 0.3127, 0.3290

## Achromatomaly

54.7569, 0.3145, 0.3254

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.9296, 0.3181, 0.3183 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(205, 190, 199)` looks like.

```
.text, #text, p{  
    color:rgb(205, 190, 199)  
}
```

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(205, 190, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 190, 199) }
```

## Border

The CSS property to change the border of an element to Yxy 53.9296, 0.3181, 0.3183 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(205, 190, 199) }
```

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

```
.border{ border-color:rgb(205, 190, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 190, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 190, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 190, 199);  
box-shadow:4px 4px 4px 4px rgb(205, 190,  
199) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.9296, 0.3181, 0.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 190, 199) }
```

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

```
.background{ background-color: rgb(205,  
190, 199) }
```

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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