

# Converting Colors

Yxy(52.8607, 0.3288, 0.3414)

Have a look what the booklet for  
Yxy(52.8607, 0.3288, 0.3414)  
contains.

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# Color

**Yxy(53.0153, 0.3287, 0.3413)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9BFB5
RGB	201, 191, 181
RGB Percent	79%, 75%, 71%
CMY	0.2118, 0.2510, 0.2902
CMYK	0.00, 0.05, 0.10, 0.21
HSL	30°, 16%, 75%
HSV	30°, 10%, 79%
XYZ	51.0581, 53.0153, 51.2600
YIQ	192.8500, 9.1700, -0.9900

# Conversions

## Conversions Part 2

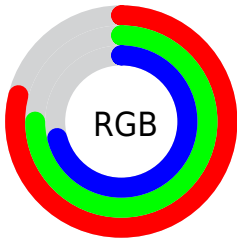
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 201, 181
Decimal	13221813
CIE Lab	77.88, 1.78, 6.28
CIE LCh	78, 6.531, 74.166
Yxy	53.0153, 0.3287, 0.3413
Android (android.graphics.Color)	4291411893 (0xFFC9BFB5)
YUV	192.8500, -5.8420, 7.1476
Hunter-Lab	72.8116, -2.2497, 9.2274

# Details

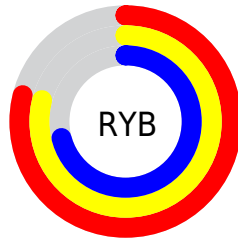
The Yxy color **53.0153, 0.3287, 0.3413** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.3010, 0.2974, 0.3164**, and the grayscale version is **53.2677, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8960, 0.3239, 0.3387**, and **25.9385, 0.3333, 0.3455** is the 20% darker color. If you saturate the color by 10%, you get **48.0189, 0.3470, 0.3544**, and if you desaturate by 10%, it is **58.4359, 0.3126, 0.3289**.

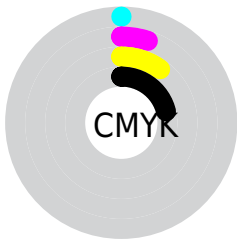
# Distribution



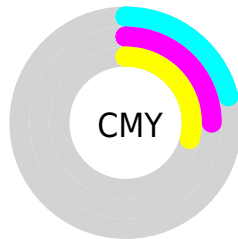
- Red (79%)
- Green (75%)
- Blue (71%)



- Red (79%)
- Yellow (79%)
- Blue (71%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (21%)



- Cyan (21%)
- Magenta (25%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.0153, 0.3287, 0.3413 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 53.0153, 0.3287, 0.3413 by changing the saturation by 10% instead.



■ 53.0153, 0.3287,  
0.3413

■ 53.0153, 0.3287,  
0.3413

398.3438, 0.3209,  
0.3353

■ 37.8150, 0.3306,  
0.3427

■ 94.6269, 0.3259,  
0.3392

■ 25.8391, 0.3330,  
0.3446

121.8069, 0.3248,  
0.3383

■ 16.7033, 0.3362,  
0.3470

153.7490, 0.3239,  
0.3377

■ 10.0232, 0.3406,  
0.3503

190.8375, 0.3231,  
0.3371

■ 5.4143, 0.3470,  
0.3550

233.4569, 0.3225,  
0.3365

■ 2.4924, 0.3572,  
0.3624

281.9915, 0.3219,

■ 0.8728, 0.3869,

0.3361

0.3867

336.8256, 0.3213,  
0.3357

0.0000, 0.0000,  
0.0000

53.0153, 0.3287,  
0.3413

53.0153, 0.3287,  
0.3413

48.0189, 0.3470,  
0.3544

58.4359, 0.3126,  
0.3289

43.4287, 0.3678,  
0.3678

64.2842, 0.2986,  
0.3174

39.2353, 0.3910,  
0.3812

70.5729, 0.2864,  
0.3067

35.4266, 0.4164,  
0.3938

76.8922, 0.2793,  
0.3035

31.9895, 0.4433,  
0.4047

82.6834, 0.2800,  
0.3144

■ 28.9099, 0.4708,  
0.4125

■ 88.8026, 0.2808,  
0.3250

■ 26.1727, 0.4973,  
0.4162

■ 91.1570, 0.2811,  
0.3289

■ 23.7607, 0.5211,  
0.4146

■ 21.6479, 0.5414,  
0.4083

# Harmonies

## Analogous

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



53.0153, 0.3298, 0.3352



53.0153, 0.3287, 0.3413



53.0153, 0.3233, 0.3442

# Triad

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



53.0153, 0.3287, 0.3413



53.0153, 0.2994, 0.3303



53.0153, 0.3102, 0.3156

# Complementary

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



53.0153, 0.3287, 0.3413



51.3010, 0.2974, 0.3164

# 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.



53.0153, 0.3021, 0.3141



53.0153, 0.3287, 0.3413



53.0153, 0.2960, 0.3225

# Square

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



53.0153, 0.3287, 0.3413



53.0153, 0.3064, 0.3378



53.0153, 0.2970, 0.3166



53.0153, 0.3190, 0.3204



# Rectangle

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



53.0153, 0.3287, 0.3413



53.0153, 0.3180, 0.3439



53.0153, 0.2970, 0.3166



53.0153, 0.3073, 0.3147

# Sweetspot

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



53.0176, 0.3287, 0.3413



97.1020, 0.3174, 0.3327



49.2285, 0.3218, 0.3168



20.6205, 0.3187, 0.3337



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

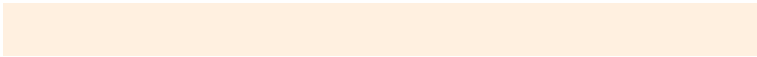


# Same Dimension

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



53.0176, 0.3287, 0.3413



88.8119, 0.3326, 0.3442



57.5250, 0.3274, 0.3532



11.4989, 0.3277, 0.3406



13.7884, 0.5393, 0.4100



0.7978, 0.5078, 0.4350

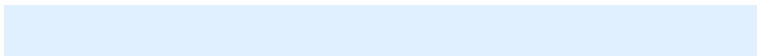


# Inverse Universe

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



51.3010, 0.2974, 0.3164



85.2703, 0.2939, 0.3134



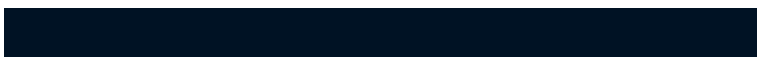
47.0911, 0.2973, 0.3036



11.1485, 0.2983, 0.3171



8.6196, 0.1776, 0.1592

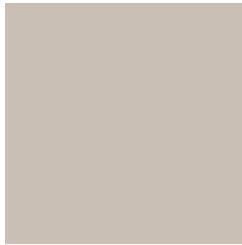


0.5530, 0.1881, 0.1972



# Previews

## White Background



This preview shows how the Yxy color 53.0153, 0.3287, 0.3413 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

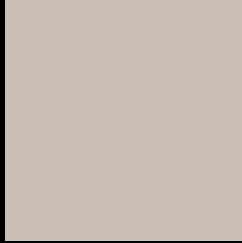
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 53.0153, 0.3287, 0.3413 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

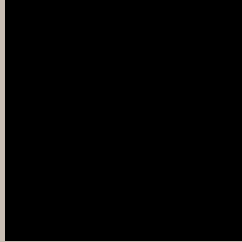
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

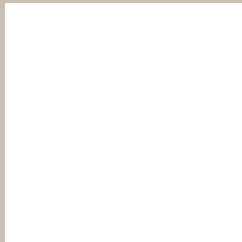
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 53.0153, 0.3287, 0.3413**

## **Background**



This preview shows how black text looks on a background with the Yxy color 53.0153, 0.3287, 0.3413.

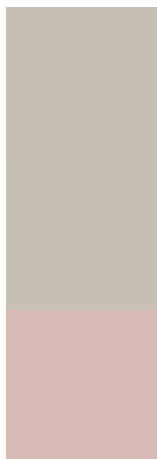


This preview shows how white text looks on a background with the Yxy color 53.0153, 0.3287, 0.3413.

# 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

53.0153, 0.3287, 0.3413

### Protanopia

53.1776, 0.3269, 0.3426

### Deuteranopia

52.9423, 0.3407, 0.3338



## Tritanopia

53.1156, 0.3144, 0.3112

# Trichromacy



## Original Color

53.0153, 0.3287, 0.3413

## Protanomaly

53.3148, 0.3277, 0.3425

## Deuteranomaly

53.0455, 0.3360, 0.3363

## Tritanomaly

53.0318, 0.3196, 0.3218

# Monochromacy



## Original Color

53.0153, 0.3287, 0.3413

## Achromatopsia

53.3276, 0.3127, 0.3290

## Achromatomaly

53.1092, 0.3182, 0.3327

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.0153, 0.3287, 0.3413 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(201, 191, 181)` looks like.

```
.text, #text, p{  
    color:rgb(201, 191, 181)  
}
```

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(201, 191, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 191, 181) }
```

## Border

The CSS property to change the border of an element to Yxy 53.0153, 0.3287, 0.3413 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(201, 191, 181) }
```

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

```
.border{ border-color:rgb(201, 191, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 191, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 191, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 191, 181);  
box-shadow:4px 4px 4px 4px rgb(201, 191,  
181) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.0153, 0.3287, 0.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 191, 181) }
```

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

```
.background{ background-color: rgb(201,  
191, 181) }
```

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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