

# Converting Colors

Yxy(53.3618, 0.3448, 0.3214)

Have a look what the booklet for  
Yxy(53.3618, 0.3448, 0.3214)  
contains.

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# Color

**Yxy(53.2988, 0.3451, 0.3211)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2B6BD
RGB	226, 182, 189
RGB Percent	89%, 71%, 74%
CMY	0.1136, 0.2863, 0.2589
CMYK	0.00, 0.19, 0.16, 0.11
HSL	350°, 43%, 80%
HSV	350°, 19%, 89%
XYZ	57.2825, 53.2988, 55.4068
YIQ	195.9540, 23.9770, 11.5050

# Conversions

## Conversions Part 2

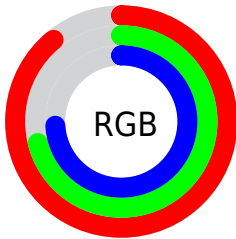
Format	Color
R <sub>Y</sub> B	226, 182, 189
Decimal	14857917
CIE Lab	78.05, 16.95, 2.48
CIE LCh	78, 17.131, 8.338
Yxy	53.2988, 0.3451, 0.3211
Android (android.graphics.Color)	4293047997 (0xFFE2B6BD)
YUV	195.9540, -3.4283, 26.3503
Hunter-Lab	73.0060, 12.2954, 6.1069

# Details

The Yxy color **53.2988, 0.3451, 0.3211** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.4682, 0.2877, 0.3371**, and the grayscale version is **55.1853, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0016, 0.3197, 0.3222**, and **26.0241, 0.3534, 0.3186** is the 20% darker color. If you saturate the color by 10%, you get **44.0065, 0.3678, 0.3168**, and if you desaturate by 10%, it is **64.1983, 0.3268, 0.3253**.

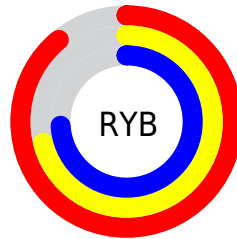
# Distribution



Red (89%)

Green (71%)

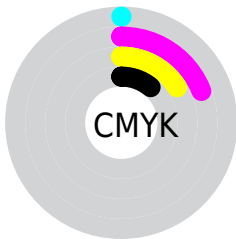
Blue (74%)



Red (89%)

Yellow (71%)

Blue (74%)

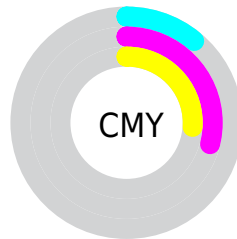


Cyan (0%)

Magenta (19%)

Yellow (16%)

Black (11%)



Cyan (11%)

Magenta (29%)


Yellow (26%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.2988, 0.3451, 0.3211 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 53.2988, 0.3451, 0.3211 by changing the saturation by 10% instead.





 53.2988, 0.3451,  
0.3211

 53.2988, 0.3451,  
0.3211

399.4304, 0.3292,  
0.3251

 38.0414, 0.3490,  
0.3201


 95.0439, 0.3394,  
0.3225

 26.0148, 0.3539,  
0.3188


122.3004, 0.3372,  
0.3231

 16.8347, 0.3604,  
0.3171


154.3253, 0.3354,  
0.3236

 10.1167, 0.3693,  
0.3147

191.5030, 0.3338,  
0.3239

 5.4764, 0.3822,  
0.3112

234.2180, 0.3324,  
0.3243

 2.5294, 0.4027,  
0.3053

282.8547, 0.3312,

 0.8913, 0.4415,

0.3246

0.2949

337.7973, 0.3302,  
0.3248

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

53.2988, 0.3451,  
0.3211

53.2988, 0.3451,  
0.3211

44.0065, 0.3678,  
0.3168

64.1983, 0.3268,  
0.3253

36.2383, 0.3956,  
0.3125

76.7685, 0.3120,  
0.3292

29.9149, 0.4291,  
0.3088

91.0783, 0.3001,  
0.3328

24.9467, 0.4680,  
0.3061

94.9131, 0.2952,  
0.3289

■ 21.2341, 0.5107,  
0.3053

■ 18.6638, 0.5534,  
0.3071

■ 17.1018, 0.5910,  
0.3119

■ 16.3315, 0.6186,  
0.3185

■ 16.2999, 0.6198,  
0.3188

# Harmonies

## Analogous

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



53.2988, 0.3245, 0.3041



53.2988, 0.3451, 0.3211



53.2988, 0.3569, 0.3405

# Triad

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



53.2988, 0.3451, 0.3211



53.2988, 0.3230, 0.3680



53.2988, 0.2708, 0.2986

# Complementary

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



53.2988, 0.3451, 0.3211



69.4682, 0.2877, 0.3371

# 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.



53.2988, 0.2705, 0.3148



53.2988, 0.3451, 0.3211



53.2988, 0.3000, 0.3560

# Square

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



53.2988, 0.3451, 0.3211



53.2988, 0.3437, 0.3683



53.2988, 0.2810, 0.3360



53.2988, 0.2818, 0.2911



# Rectangle

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



53.2988, 0.3451, 0.3211



53.2988, 0.3580, 0.3526



53.2988, 0.2810, 0.3360



53.2988, 0.2694, 0.3032

# Sweetspot

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



53.3012, 0.3451, 0.3211



89.8223, 0.3213, 0.3267



53.9586, 0.3090, 0.2799



18.9991, 0.3223, 0.3264



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.



53.3012, 0.3451, 0.3211



65.3380, 0.3529, 0.3195



59.3346, 0.3479, 0.3458



13.7359, 0.3267, 0.3253



9.3079, 0.6168, 0.3172



0.6562, 0.5780, 0.2958



# Inverse Universe

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



53.3012, 0.3451, 0.3211



65.3380, 0.3529, 0.3195



62.1998, 0.2826, 0.3116



13.7359, 0.3267, 0.3253



9.3079, 0.6168, 0.3172



0.6562, 0.5780, 0.2958



# Previews

## White Background



This preview shows how the Yxy color 53.2988, 0.3451, 0.3211 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

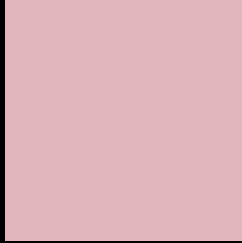
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 53.2988, 0.3451, 0.3211 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

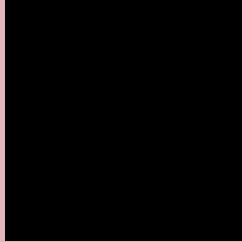
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 53.2988, 0.3451, 0.3211**

## **Background**



This preview shows how black text looks on a background with the Yxy color 53.2988, 0.3451, 0.3211.



This preview shows how white text looks on a background with the Yxy color 53.2988, 0.3451, 0.3211.

# 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

53.2988, 0.3451, 0.3211

### Protanopia

53.3752, 0.3137, 0.3253

### Deuteranopia

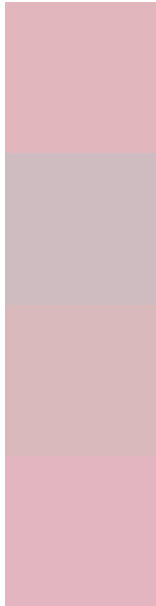
53.4676, 0.3347, 0.3279



## Tritanopia

53.3188, 0.3410, 0.3132

# Trichromacy



## Original Color

53.2988, 0.3451, 0.3211

## Protanomaly

53.0821, 0.3246, 0.3231

## Deuteranomaly

53.2342, 0.3384, 0.3256

## Tritanomaly

53.2289, 0.3427, 0.3155

# Monochromacy



## Original Color

53.2988, 0.3451, 0.3211

## Achromatopsia

55.2011, 0.3127, 0.3290

## Achromatomaly

54.3773, 0.3243, 0.3267

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.2988, 0.3451, 0.3211 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(226, 182, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 182, 189) }
```

## Border

The CSS property to change the border of an element to Yxy 53.2988, 0.3451, 0.3211 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, 189) }
```

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

```
.border{ border-color:rgb(226, 182, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 182, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 182, 189); box-shadow:4px 4px 4px 4px rgb(226, 182, 189) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.2988, 0.3451, 0.3211 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, 189) }
```

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

```
.background{ background-color: rgb(226,  
182, 189) }
```

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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