

# Converting Colors

Yxy(51.8930, 0.3493, 0.3223)

Have a look what the booklet for  
Yxy(51.8930, 0.3493, 0.3223)  
contains.

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# Color

**Yxy(51.9117, 0.3491, 0.3222)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2B3B9
RGB	226, 179, 185
RGB Percent	89%, 70%, 73%
CMY	0.1137, 0.2980, 0.2745
CMYK	0.00, 0.21, 0.18, 0.11
HSL	352°, 45%, 79%
HSV	352°, 21%, 89%
XYZ	56.2457, 51.9117, 52.9590
YIQ	193.7370, 26.0860, 11.8300

# Conversions

## Conversions Part 2

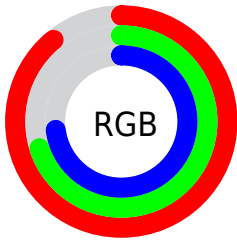
Format	Color
R <sub>Y</sub> B	226, 179, 185
Decimal	14857145
CIE Lab	77.23, 17.93, 3.45
CIE LCh	77, 18.263, 10.896
Yxy	51.9117, 0.3491, 0.3222
Android (android.graphics.Color)	4293047225 (0xFFE2B3B9)
YUV	193.7370, -4.3073, 28.2947
Hunter-Lab	72.0498, 13.2591, 6.8547

# Details

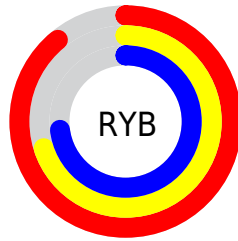
The Yxy color **51.9117, 0.3491, 0.3222** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.1534, 0.2852, 0.3360**, and the grayscale version is **53.8018, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.0275, 0.3224, 0.3232**, and **25.1337, 0.3591, 0.3200** is the 20% darker color. If you saturate the color by 10%, you get **42.8091, 0.3733, 0.3187**, and if you desaturate by 10%, it is **62.6193, 0.3296, 0.3256**.

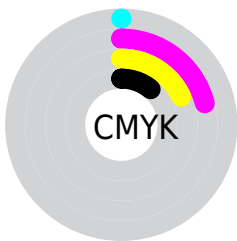
# Distribution



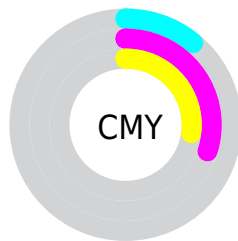
- Red (89%)
- Green (70%)
- Blue (73%)



- Red (89%)
- Yellow (70%)
- Blue (73%)



- Cyan (0%)
- Magenta (21%)
- Yellow (18%)
- Black (11%)




- Cyan (11%)
- Magenta (30%)
- Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 51.9117, 0.3491, 0.3222 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 51.9117, 0.3491, 0.3222 by changing the saturation by 10% instead.





 51.9117, 0.3491,  
0.3222

 51.9117, 0.3491,  
0.3222


394.0956, 0.3311,  
0.3257

 36.9347, 0.3535,  
0.3213


 93.0010, 0.3426,  
0.3235

 25.1569, 0.3591,  
0.3201


119.8821, 0.3402,  
0.3240

 16.1940, 0.3665,  
0.3185


151.5000, 0.3381,  
0.3244

 9.6615, 0.3768,  
0.3163

188.2391, 0.3363,  
0.3247

 5.1751, 0.3917,  
0.3128

230.4839, 0.3348,  
0.3250

 2.3504, 0.4157,  
0.3070

278.6186, 0.3334,

 0.8002, 0.4666,

0.3253

0.2984

333.0277, 0.3322,  
0.3255

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

51.9117, 0.3491,  
0.3222

51.9117, 0.3491,  
0.3222

42.8091, 0.3733,  
0.3187

62.6193, 0.3296,  
0.3256

35.2274, 0.4031,  
0.3154

74.9965, 0.3138,  
0.3288

29.0856, 0.4387,  
0.3125

89.1132, 0.3012,  
0.3317

24.2924, 0.4798,  
0.3106

94.9116, 0.2952,  
0.3289

■ 20.7459, 0.5240,  
0.3105

■ 18.3297, 0.5671,  
0.3126

■ 16.9055, 0.6030,  
0.3171

■ 16.2598, 0.6258,  
0.3221

# Harmonies

## Analogous

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



51.9117, 0.3274, 0.3037



51.9117, 0.3491, 0.3222



51.9117, 0.3608, 0.3430

# Triad

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



51.9117, 0.3491, 0.3222



51.9117, 0.3216, 0.3704



51.9117, 0.2683, 0.2952

# Complementary

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



51.9117, 0.3491, 0.3222



69.1534, 0.2852, 0.3360

# 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.



51.9117, 0.2669, 0.3119



51.9117, 0.3491, 0.3222



51.9117, 0.2970, 0.3565

# Square

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



51.9117, 0.3491, 0.3222



51.9117, 0.3443, 0.3718



51.9117, 0.2773, 0.3345



51.9117, 0.2810, 0.2881



# Rectangle

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



51.9117, 0.3491, 0.3222



51.9117, 0.3611, 0.3558



51.9117, 0.2773, 0.3345



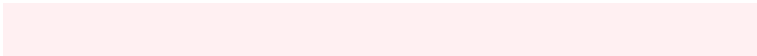
51.9117, 0.2665, 0.2998

# Sweetspot

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



51.9141, 0.3491, 0.3222



89.7938, 0.3216, 0.3271



52.9076, 0.3100, 0.2766



18.9924, 0.3227, 0.3269



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.



51.9141, 0.3491, 0.3222



62.7729, 0.3590, 0.3207



59.0137, 0.3504, 0.3487



13.7289, 0.3272, 0.3260



9.2841, 0.6232, 0.3207



0.6530, 0.5888, 0.3017



# Inverse Universe

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



51.9141, 0.3491, 0.3222



62.7729, 0.3590, 0.3207



60.5670, 0.2804, 0.3084



13.7289, 0.3272, 0.3260



9.2841, 0.6232, 0.3207



0.6530, 0.5888, 0.3017



# Previews

## White Background



This preview shows how the Yxy color 51.9117, 0.3491, 0.3222 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

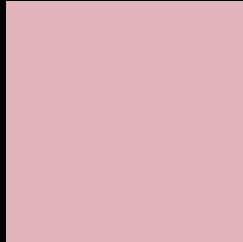
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 51.9117, 0.3491, 0.3222 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

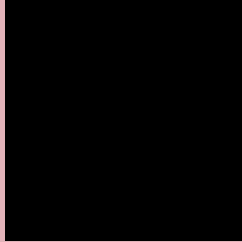
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 51.9117, 0.3491, 0.3222**

## **Background**



This preview shows how black text looks on a background with the Yxy color 51.9117, 0.3491, 0.3222.



This preview shows how white text looks on a background with the Yxy color 51.9117, 0.3491, 0.3222.

# 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

51.9117, 0.3491, 0.3222

### Protanopia

52.0578, 0.3152, 0.3278

### Deuteranopia

52.1557, 0.3366, 0.3303



## Tritanopia

51.9775, 0.3441, 0.3132

# Trichromacy



## Original Color

51.9117, 0.3491, 0.3222

## Protanomaly

51.9137, 0.3272, 0.3254

## Deuteranomaly

52.0794, 0.3413, 0.3279

## Tritanomaly

51.8458, 0.3467, 0.3165

# Monochromacy



## Original Color

51.9117, 0.3491, 0.3222

## Achromatopsia

53.9479, 0.3127, 0.3290

## Achromatomaly

53.2786, 0.3253, 0.3266

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 51.9117, 0.3491, 0.3222 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, 179, 185)` looks like.

```
.text, #text, p{  
    color:rgb(226, 179, 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, 179, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 179, 185) }
```

## Border

The CSS property to change the border of an element to Yxy 51.9117, 0.3491, 0.3222 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, 179, 185) }
```

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

```
.border{ border-color:rgb(226, 179, 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, 179, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 179, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 179, 185); box-shadow:4px 4px 4px 4px rgb(226, 179, 185) }
```



# Background

The CSS property to change the background color of an element to Yxy 51.9117, 0.3491, 0.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 179, 185) }
```

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

```
.background{ background-color: rgb(226,  
179, 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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