

# Converting Colors

$Yxy(52.3193, 0.3383, 0.3021)$

Have a look what the booklet for  
Yxy(52.3193, 0.3383, 0.3021)  
contains.

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# Color

**Yxy(52.3193, 0.3383, 0.3021)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5B1C9
RGB	229, 177, 201
RGB Percent	90%, 69%, 79%
CMY	0.1018, 0.3059, 0.2117
CMYK	0.00, 0.23, 0.12, 0.10
HSL	332°, 50%, 80%
HSV	332°, 23%, 90%
XYZ	58.5886, 52.3193, 62.2775
YIQ	195.2840, 23.2880, 18.4880

# Conversions

## Conversions Part 2

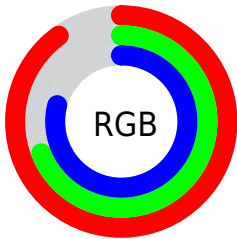
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	229, 177, 201
Decimal	15053257
CIE Lab	77.47, 22.63, -4.86
CIE LCh	77, 23.150, 347.882
Yxy	52.3193, 0.3383, 0.3021
Android (android.graphics.Color)	4293243337 (0xFFE5B1C9)
YUV	195.2840, 2.8180, 29.5689
Hunter-Lab	72.3321, 18.0029, -0.4159

# Details

The Yxy color **52.3193, 0.3383, 0.3021** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.8153, 0.2929, 0.3576**, and the grayscale version is **54.7269, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7578, 0.3137, 0.3078**, and **25.4061, 0.3452, 0.2952** is the 20% darker color. If you saturate the color by 10%, you get **43.4637, 0.3535, 0.2896**, and if you desaturate by 10%, it is **62.7446, 0.3257, 0.3143**.

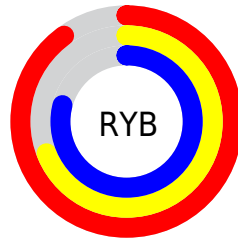
# Distribution



Red (90%)

Green (69%)

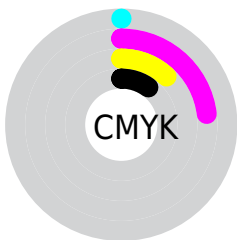
Blue (79%)



Red (90%)

Yellow (69%)

Blue (79%)

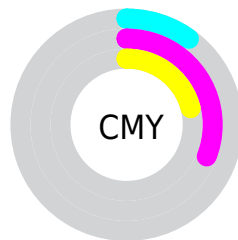


Cyan (0%)

Magenta (23%)

Yellow (12%)

Black (10%)



Cyan (10%)

Magenta (31%)


Yellow (21%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 52.3193, 0.3383, 0.3021 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 52.3193, 0.3383, 0.3021 by changing the saturation by 10% instead.





 52.3193, 0.3383,  
0.3021

 52.3193, 0.3383,  
0.3021


395.6680, 0.3259,  
0.3150

 37.2596, 0.3413,  
0.2990


 93.6020, 0.3339,  
0.3067

 25.4086, 0.3451,  
0.2951


120.5938, 0.3322,  
0.3084

 16.3817, 0.3500,  
0.2901


152.3318, 0.3307,  
0.3099

 9.7947, 0.3567,  
0.2834

189.2003, 0.3295,  
0.3112

 5.2630, 0.3663,  
0.2738

231.5838, 0.3284,  
0.3124

 2.4024, 0.3813,  
0.2591

279.8667, 0.3275,

 0.8271, 0.4079,

0.3134

0.2338

334.4333, 0.3266,  
0.3142

0.0000, 0.8912,  
0.0000

0.0000, 0.0000,  
0.0000

52.3193, 0.3383,  
0.3021

52.3193, 0.3383,  
0.3021

43.4637, 0.3535,  
0.2896

62.7446, 0.3257,  
0.3143

36.0940, 0.3715,  
0.2774

74.8041, 0.3152,  
0.3260

30.1290, 0.3926,  
0.2663

88.5671, 0.3066,  
0.3368

25.4771, 0.4165,  
0.2572

95.1083, 0.2995,  
0.3336

■ 22.0355, 0.4426,  
0.2516

■ 95.4048, 0.2970,  
0.3290

■ 19.6860, 0.4699,  
0.2507

■ 18.2859, 0.4967,  
0.2552

■ 17.6996, 0.5153,  
0.2612

# Harmonies

## Analogous

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



52.3193, 0.3067, 0.2847



52.3193, 0.3383, 0.3021



52.3193, 0.3637, 0.3261

# Triad

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



52.3193, 0.3383, 0.3021



52.3193, 0.3463, 0.3844



52.3193, 0.2544, 0.3012

# Complementary

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



52.3193, 0.3383, 0.3021



69.8153, 0.2929, 0.3576

# 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.



52.3193, 0.2639, 0.3287



52.3193, 0.3383, 0.3021



52.3193, 0.3162, 0.3791

# Square

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



52.3193, 0.3383, 0.3021



52.3193, 0.3681, 0.3736



52.3193, 0.2862, 0.3581



52.3193, 0.2595, 0.2832



# Rectangle

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



52.3193, 0.3383, 0.3021



52.3193, 0.3730, 0.3435



52.3193, 0.2862, 0.3581



52.3193, 0.2560, 0.3096

# Sweetspot

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



52.3217, 0.3383, 0.3021



88.5317, 0.3195, 0.3210



50.0421, 0.2957, 0.2691



18.7485, 0.3201, 0.3203



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.



52.3217, 0.3383, 0.3021



61.4994, 0.3447, 0.2966



51.9675, 0.3589, 0.3311



14.4781, 0.3220, 0.3182



10.1395, 0.5116, 0.2592



0.7679, 0.4766, 0.2399



# Inverse Universe

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



52.3217, 0.3383, 0.3021



61.4994, 0.3447, 0.2966



70.1106, 0.2790, 0.3269



14.4781, 0.3220, 0.3182



10.1395, 0.5116, 0.2592



0.7679, 0.4766, 0.2399



# Previews

## White Background



This preview shows how the Yxy color 52.3193, 0.3383, 0.3021 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

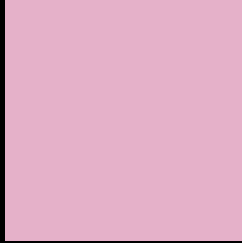
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 52.3193, 0.3383, 0.3021 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

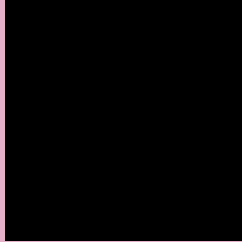
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 52.3193, 0.3383, 0.3021**

## **Background**



This preview shows how black text looks on a background with the Yxy color 52.3193, 0.3383, 0.3021.



This preview shows how white text looks on a background with the Yxy color 52.3193, 0.3383, 0.3021.

# 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

52.3193, 0.3383, 0.3021

### Protanopia

52.3775, 0.2987, 0.3058

### Deuteranopia

52.5067, 0.3201, 0.3136



## Tritanopia

52.1405, 0.3450, 0.3132

# Trichromacy



## Original Color

52.3193, 0.3383, 0.3021

## Protanomaly

51.9915, 0.3122, 0.3040

## Deuteranomaly

52.4842, 0.3263, 0.3092

## Tritanomaly

52.2749, 0.3424, 0.3098

# Monochromacy



## Original Color

52.3193, 0.3383, 0.3021

## Achromatopsia

54.5724, 0.3127, 0.3290

## Achromatomaly

53.2631, 0.3215, 0.3183

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 52.3193, 0.3383, 0.3021 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(229, 177, 201)` looks like.

```
.text, #text, p{  
    color:rgb(229, 177, 201)  
}
```

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(229, 177, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 177, 201) }
```

## Border

The CSS property to change the border of an element to Yxy 52.3193, 0.3383, 0.3021 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(229, 177, 201) }
```

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

```
.border{ border-color:rgb(229, 177, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 177, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 177, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 177, 201); box-shadow:4px 4px 4px 4px rgb(229, 177, 201) }
```



# Background

The CSS property to change the background color of an element to Yxy 52.3193, 0.3383, 0.3021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 177, 201) }
```

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

```
.background{ background-color: rgb(229,  
177, 201) }
```

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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