

# Converting Colors

$Yxy(54.9902, 0.3362, 0.3132)$

Have a look what the booklet for  
Yxy(54.9902, 0.3362, 0.3132)  
contains.

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# Color

**Yxy(54.9902, 0.3362, 0.3132)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E2B9C7
RGB	226, 185, 199
RGB Percent	89%, 73%, 78%
CMY	0.1137, 0.2745, 0.2195
CMYK	0.00, 0.18, 0.12, 0.11
HSL	339°, 41%, 81%
HSV	339°, 18%, 89%
XYZ	59.0284, 54.9902, 61.5567
YIQ	198.8550, 19.9420, 13.0460

# Conversions

## Conversions Part 2

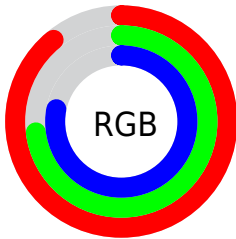
Format	Color
R <sub>Y</sub> B	226, 185, 199
Decimal	14858695
CIE Lab	79.04, 16.95, -1.52
CIE LCh	79, 17.022, 354.877
Yxy	54.9902, 0.3362, 0.3132
Android (android.graphics.Color)	4293048775 (0xFFE2B9C7)
YUV	198.8550, 0.0715, 23.8062
Hunter-Lab	74.1554, 12.3159, 2.6919

# Details

The Yxy color **54.9902, 0.3362, 0.3132** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.4673, 0.2938, 0.3454**, and the grayscale version is **57.0136, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **27.0929, 0.3423, 0.3097** is the 20% darker color. If you saturate the color by 10%, you get **45.6189, 0.3533, 0.3039**, and if you desaturate by 10%, it is **65.9370, 0.3222, 0.3221**.

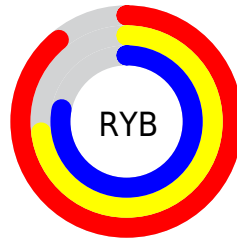
# Distribution



Red (89%)

Green (73%)

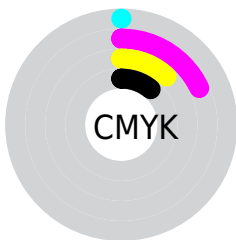
Blue (78%)



Red (89%)

Yellow (73%)

Blue (78%)

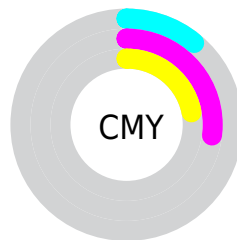


Cyan (0%)

Magenta (18%)

Yellow (12%)

Black (11%)



Cyan (11%)

Magenta (27%)


Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9902, 0.3362, 0.3132 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 54.9902, 0.3362, 0.3132 by changing the saturation by 10% instead.




 54.9902, 0.3362,  
0.3132

 54.9902, 0.3362,  
0.3132

405.8748, 0.3248,  
0.3208

 39.3939, 0.3389,  
0.3114

 97.5266, 0.3321,  
0.3159

 27.0663, 0.3424,  
0.3091


125.2355, 0.3306,  
0.3170

 17.6230, 0.3469,  
0.3061


157.7506, 0.3293,  
0.3178

 10.6797, 0.3531,  
0.3020

195.4565, 0.3281,  
0.3186

 5.8519, 0.3619,  
0.2962

238.7374, 0.3271,  
0.3193

 2.7552, 0.3757,  
0.2873

287.9779, 0.3263,

 1.0053, 0.4001,

0.3199

0.2717

343.5622, 0.3255,  
0.3204

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

54.9902, 0.3362,  
0.3132

54.9902, 0.3362,  
0.3132

45.6189, 0.3533,  
0.3039

65.9370, 0.3222,  
0.3221

37.7429, 0.3740,  
0.2946

78.5199, 0.3108,  
0.3305

31.2862, 0.3987,  
0.2860

92.8054, 0.3014,  
0.3383

26.1628, 0.4275,  
0.2787

94.9113, 0.2952,  
0.3289

■ 22.2776, 0.4597,  
0.2741

■ 19.5227, 0.4941,  
0.2733

■ 17.7711, 0.5280,  
0.2774

■ 16.8429, 0.5586,  
0.2863

■ 16.7122, 0.5639,  
0.2880

# Harmonies

## Analogous

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



54.9902, 0.3140, 0.2988



54.9902, 0.3362, 0.3132



54.9902, 0.3523, 0.3318

# Triad

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



54.9902, 0.3362, 0.3132



54.9902, 0.3326, 0.3689



54.9902, 0.2699, 0.3054

# Complementary

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



54.9902, 0.3362, 0.3132



69.4673, 0.2938, 0.3454

# 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.



54.9902, 0.2746, 0.3242



54.9902, 0.3362, 0.3132



54.9902, 0.3102, 0.3621

# Square

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



54.9902, 0.3362, 0.3132



54.9902, 0.3500, 0.3642



54.9902, 0.2891, 0.3453



54.9902, 0.2762, 0.2939



# Rectangle

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



54.9902, 0.3362, 0.3132



54.9902, 0.3571, 0.3444



54.9902, 0.2891, 0.3453



54.9902, 0.2703, 0.3110

# Sweetspot

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



54.9927, 0.3362, 0.3132



91.6048, 0.3184, 0.3248



54.1344, 0.3034, 0.2825



19.3642, 0.3192, 0.3242



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.



54.9927, 0.3362, 0.3132



67.1281, 0.3426, 0.3095



57.0005, 0.3467, 0.3361



13.7776, 0.3239, 0.3210



9.5529, 0.5598, 0.2858



0.6786, 0.5166, 0.2619



# Inverse Universe

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



54.9927, 0.3362, 0.3132



67.1281, 0.3426, 0.3095



66.9200, 0.2851, 0.3218



13.7776, 0.3239, 0.3210



9.5529, 0.5598, 0.2858



0.6786, 0.5166, 0.2619



# Previews

## White Background



This preview shows how the Yxy color 54.9902, 0.3362, 0.3132 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

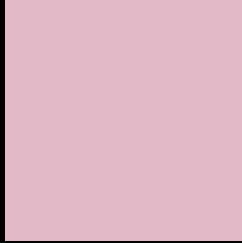
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 54.9902, 0.3362, 0.3132 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 54.9902, 0.3362, 0.3132**

## Background



This preview shows how black text looks on a background with the Yxy color 54.9902, 0.3362, 0.3132.



This preview shows how white text looks on a background with the Yxy color 54.9902, 0.3362, 0.3132.

# 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

54.9902, 0.3362, 0.3132

### Protanopia

55.3083, 0.3070, 0.3170

### Deuteranopia

55.2003, 0.3263, 0.3197



## Tritanopia

54.9902, 0.3362, 0.3132

# Trichromacy



## Original Color

54.9902, 0.3362, 0.3132

## Protanomaly

54.9833, 0.3174, 0.3149

## Deuteranomaly

54.9491, 0.3299, 0.3175

## Tritanomaly

54.9902, 0.3362, 0.3132

# Monochromacy



## Original Color

54.9902, 0.3362, 0.3132

## Achromatopsia

57.1125, 0.3127, 0.3290

## Achromatomaly

56.2624, 0.3210, 0.3232

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.9902, 0.3362, 0.3132 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, 185, 199)` looks like.

```
.text, #text, p{  
    color:rgb(226, 185, 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(226, 185, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 185, 199) }
```

## Border

The CSS property to change the border of an element to Yxy 54.9902, 0.3362, 0.3132 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, 185, 199) }
```

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

```
.border{ border-color:rgb(226, 185, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 185, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 185, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 185, 199); box-shadow:4px 4px 4px 4px rgb(226, 185, 199) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.9902, 0.3362, 0.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 185, 199) }
```

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

```
.background{ background-color: rgb(226,  
185, 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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