

# Converting Colors

Yxy(52.5400, 0.3448, 0.3143)

Have a look what the booklet for  
Yxy(52.5400, 0.3448, 0.3143)  
contains.

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# **Color**

**Yxy(52.5400, 0.3448, 0.3143)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4B3C0
RGB	228, 179, 192
RGB Percent	89%, 70%, 75%
CMY	0.1058, 0.2981, 0.2470
CMYK	0.00, 0.22, 0.16, 0.11
HSL	344°, 48%, 80%
HSV	344°, 22%, 89%
XYZ	57.6385, 52.5400, 56.9866
YIQ	195.1330, 25.0310, 14.4310

# Conversions

## Conversions Part 2

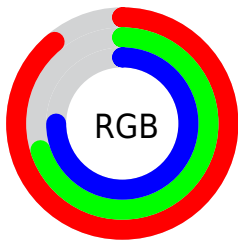
Format	Color
R <sub>Y</sub> B	228, 179, 192
Decimal	14988224
CIE Lab	77.60, 19.76, 0.21
CIE LCh	78, 19.757, 0.602
Yxy	52.5400, 0.3448, 0.3143
Android (android.graphics.Color)	4293178304 (0xFFE4B3C0)
YUV	195.1330, -1.5446, 28.8244
Hunter-Lab	72.4845, 15.0926, 4.1259

# Details

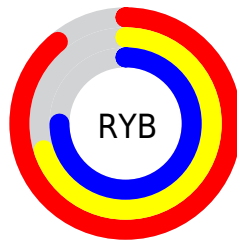
The Yxy color **52.5400, 0.3448, 0.3143** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.9921, 0.2883, 0.3443**, and the grayscale version is **54.6580, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.4540, 0.3180, 0.3164**, and **25.5564, 0.3531, 0.3097** is the 20% darker color. If you saturate the color by 10%, you get **43.4453, 0.3653, 0.3070**, and if you desaturate by 10%, it is **63.2353, 0.3281, 0.3214**.

# Distribution



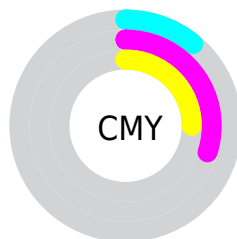
- Red (89%)
- Green (70%)
- Blue (75%)



- Red (89%)
- Yellow (70%)
- Blue (75%)



- Cyan (0%)
- Magenta (22%)
- Yellow (16%)
- Black (11%)



- Cyan (11%)
- Magenta (30%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5400, 0.3448, 0.3143 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 52.5400, 0.3448, 0.3143 by changing the saturation by 10% instead.





 52.5400, 0.3448,  
0.3143

 52.5400, 0.3448,  
0.3143


396.5178, 0.3291,  
0.3215

 37.4357, 0.3486,  
0.3125


 93.9271, 0.3391,  
0.3169

 25.5450, 0.3535,  
0.3103


120.9787, 0.3370,  
0.3179

 16.4836, 0.3599,  
0.3073


152.7816, 0.3352,  
0.3187

 9.8670, 0.3687,  
0.3033


189.7200, 0.3336,  
0.3194

 5.3108, 0.3815,  
0.2974

232.1785, 0.3323,  
0.3201

 2.4308, 0.4017,  
0.2880

280.5413, 0.3311,

 0.8417, 0.4388,

0.3206

0.2709

335.1929, 0.3300,  
0.3211

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

52.5400, 0.3448,  
0.3143

52.5400, 0.3448,  
0.3143

43.4453, 0.3653,  
0.3070

63.2353, 0.3281,  
0.3214

35.8669, 0.3902,  
0.2999

75.5958, 0.3145,  
0.3280

29.7237, 0.4199,  
0.2936

89.6913, 0.3035,  
0.3342

24.9242, 0.4542,  
0.2889

95.2389, 0.2964,  
0.3290

■ 21.3662, 0.4918,  
0.2870

■ 18.9324, 0.5303,  
0.2889

■ 17.4830, 0.5658,  
0.2952

■ 16.8316, 0.5912,  
0.3030

# Harmonies

## Analogous

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



52.5400, 0.3193, 0.2963



52.5400, 0.3448, 0.3143



52.5400, 0.3618, 0.3363

# Triad

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



52.5400, 0.3448, 0.3143



52.5400, 0.3312, 0.3758



52.5400, 0.2630, 0.2977

# Complementary

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



52.5400, 0.3448, 0.3143



69.9921, 0.2883, 0.3443

# 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.



52.5400, 0.2660, 0.3184



52.5400, 0.3448, 0.3143



52.5400, 0.3046, 0.3652

# Square

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



52.5400, 0.3448, 0.3143



52.5400, 0.3535, 0.3725



52.5400, 0.2809, 0.3436



52.5400, 0.2726, 0.2864



# Rectangle

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



52.5400, 0.3448, 0.3143



52.5400, 0.3656, 0.3509



52.5400, 0.2809, 0.3436



52.5400, 0.2626, 0.3037

# Sweetspot

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



52.5424, 0.3448, 0.3143



89.9212, 0.3203, 0.3251



52.2796, 0.3046, 0.2739



19.0224, 0.3212, 0.3246



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.



52.5424, 0.3448, 0.3143



61.9982, 0.3538, 0.3109



56.7682, 0.3535, 0.3421



14.4306, 0.3251, 0.3228



9.7331, 0.5873, 0.3009



0.7343, 0.5457, 0.2780



# Inverse Universe

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



52.5424, 0.3448, 0.3143



61.9982, 0.3538, 0.3109



64.5991, 0.2798, 0.3155



14.4306, 0.3251, 0.3228



9.7331, 0.5873, 0.3009

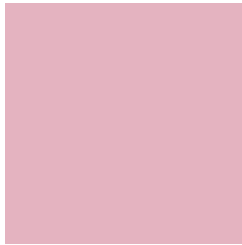


0.7343, 0.5457, 0.2780



# Previews

## White Background



This preview shows how the Yxy color 52.5400, 0.3448, 0.3143 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

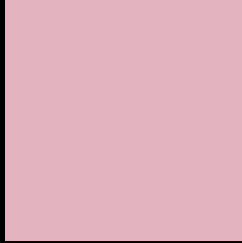
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 52.5400, 0.3448, 0.3143 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 52.5400, 0.3448, 0.3143**

## **Background**



This preview shows how black text looks on a background with the Yxy color 52.5400, 0.3448, 0.3143.



This preview shows how white text looks on a background with the Yxy color 52.5400, 0.3448, 0.3143.

# 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

52.5400, 0.3448, 0.3143

### Protanopia

52.7226, 0.3083, 0.3192

### Deuteranopia

52.7283, 0.3298, 0.3231



## Tritanopia

52.5844, 0.3439, 0.3132

# Trichromacy



## Original Color

52.5400, 0.3448, 0.3143

## Protanomaly

52.6480, 0.3215, 0.3183

## Deuteranomaly

52.3803, 0.3354, 0.3197

## Tritanomaly

52.5844, 0.3439, 0.3132

# Monochromacy



## Original Color

52.5400, 0.3448, 0.3143

## Achromatopsia

54.5724, 0.3127, 0.3290

## Achromatomaly

53.5556, 0.3237, 0.3231

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 52.5400, 0.3448, 0.3143 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(228, 179, 192)` looks like.

```
.text, #text, p{  
    color:rgb(228, 179, 192)  
}
```

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(228, 179, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 179, 192) }
```

## Border

The CSS property to change the border of an element to Yxy 52.5400, 0.3448, 0.3143 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(228, 179, 192) }
```

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

```
.border{ border-color:rgb(228, 179, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 179, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 179, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 179, 192); box-shadow:4px 4px 4px 4px rgb(228, 179, 192) }
```



# Background

The CSS property to change the background color of an element to Yxy 52.5400, 0.3448, 0.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 179, 192) }
```

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

```
.background{ background-color: rgb(228,  
179, 192) }
```

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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