

# Converting Colors

Yxy(52.9518, 0.3419, 0.3149)

Have a look what the booklet for  
Yxy(52.9518, 0.3419, 0.3149)  
contains.

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# Color

**Yxy(53.0668, 0.3418, 0.3154)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E2B5C1
RGB	226, 181, 193
RGB Percent	89%, 71%, 76%
CMY	0.1138, 0.2901, 0.2430
CMYK	0.00, 0.20, 0.15, 0.11
HSL	344°, 44%, 80%
HSV	344°, 20%, 89%
XYZ	57.5087, 53.0668, 57.6769
YIQ	195.8230, 22.9680, 13.2720

# Conversions

## Conversions Part 2

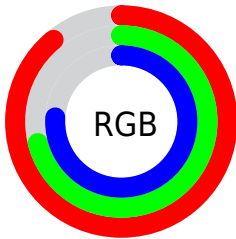
Format	Color
R <sub>Y</sub> B	226, 181, 193
Decimal	14857665
CIE Lab	77.91, 18.09, 0.10
CIE LCh	78, 18.094, 0.307
Yxy	53.0668, 0.3418, 0.3154
Android (android.graphics.Color)	4293047745 (0xFFE2B5C1)
YUV	195.8230, -1.3917, 26.4652
Hunter-Lab	72.8470, 13.4337, 4.0497

# Details

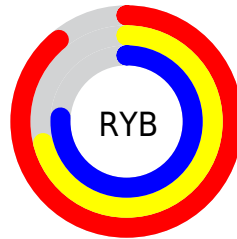
The Yxy color **53.0668, 0.3418, 0.3154** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.0558, 0.2900, 0.3431**, and the grayscale version is **55.0894, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6679, 0.3172, 0.3174**, and **25.8778, 0.3490, 0.3111** is the 20% darker color. If you saturate the color by 10%, you get **43.9135, 0.3616, 0.3081**, and if you desaturate by 10%, it is **63.7981, 0.3257, 0.3224**.

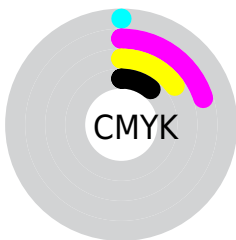
# Distribution



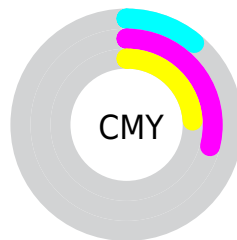
- Red (89%)
- Green (71%)
- Blue (76%)



- Red (89%)
- Yellow (71%)
- Blue (76%)



- Cyan (0%)
- Magenta (20%)
- Yellow (15%)
- Black (11%)



- Cyan (11%)
- Magenta (29%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.0668, 0.3418, 0.3154 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 53.0668, 0.3418, 0.3154 by changing the saturation by 10% instead.





 53.0668, 0.3418,  
0.3154

 53.0668, 0.3418,  
0.3154

398.5414, 0.3276,  
0.3221

 37.8561, 0.3453,  
0.3138


 94.7027, 0.3367,  
0.3178

 25.8710, 0.3497,  
0.3117

121.8966, 0.3348,  
0.3187

 16.7272, 0.3554,  
0.3090


153.8537, 0.3331,  
0.3195

 10.0402, 0.3634,  
0.3053

190.9585, 0.3317,  
0.3201

 5.4256, 0.3748,  
0.2999

233.5952, 0.3305,  
0.3207

 2.4991, 0.3930,  
0.2913

282.1484, 0.3294,

 0.8762, 0.4259,

0.3212

0.2759

337.0023, 0.3284,  
0.3217

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

53.0668, 0.3418,  
0.3154

53.0668, 0.3418,  
0.3154

43.9135, 0.3616,  
0.3081

63.7981, 0.3257,  
0.3224

36.2565, 0.3857,  
0.3009

76.1696, 0.3126,  
0.3291

30.0178, 0.4145,  
0.2944

90.2491, 0.3020,  
0.3352

25.1091, 0.4480,  
0.2893

94.9041, 0.2952,  
0.3289

■ 21.4324, 0.4851,  
0.2868

■ 18.8760, 0.5236,  
0.2880

■ 17.3075, 0.5598,  
0.2936

■ 16.5012, 0.5903,  
0.3026

■ 16.4942, 0.5906,  
0.3027

# Harmonies

## Analogous

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



53.0668, 0.3185, 0.2989



53.0668, 0.3418, 0.3154



53.0668, 0.3574, 0.3356

# Triad

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



53.0668, 0.3418, 0.3154



53.0668, 0.3299, 0.3716



53.0668, 0.2672, 0.3006

# Complementary

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



53.0668, 0.3418, 0.3154



69.0558, 0.2900, 0.3431

# 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.



53.0668, 0.2700, 0.3197



53.0668, 0.3418, 0.3154



53.0668, 0.3056, 0.3621

# Square

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



53.0668, 0.3418, 0.3154



53.0668, 0.3501, 0.3686



53.0668, 0.2838, 0.3425



53.0668, 0.2759, 0.2901



# Rectangle

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



53.0668, 0.3418, 0.3154



53.0668, 0.3609, 0.3490



53.0668, 0.2838, 0.3425



53.0668, 0.2668, 0.3062

# Sweetspot

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



53.0692, 0.3418, 0.3154



89.9224, 0.3203, 0.3251



52.7243, 0.3047, 0.2782



19.0227, 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.



53.0692, 0.3418, 0.3154



64.4151, 0.3498, 0.3123



56.6559, 0.3500, 0.3402



13.7604, 0.3250, 0.3228



9.4295, 0.5867, 0.3005



0.6683, 0.5425, 0.2762



# Inverse Universe

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



53.0692, 0.3418, 0.3154



64.4151, 0.3498, 0.3123



64.5450, 0.2823, 0.3175



13.7604, 0.3250, 0.3228



9.4295, 0.5867, 0.3005



0.6683, 0.5425, 0.2762



# Previews

## White Background



This preview shows how the Yxy color 53.0668, 0.3418, 0.3154 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

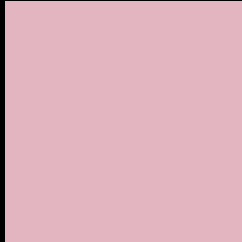
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 53.0668, 0.3418, 0.3154 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

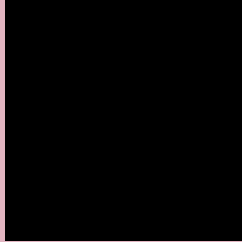
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 53.0668, 0.3418, 0.3154**

## Background



This preview shows how black text looks on a background with the Yxy color 53.0668, 0.3418, 0.3154.



This preview shows how white text looks on a background with the Yxy color 53.0668, 0.3418, 0.3154.

# 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

53.0668, 0.3418, 0.3154

### Protanopia

53.2921, 0.3091, 0.3204

### Deuteranopia

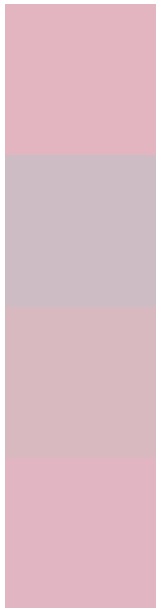
53.3435, 0.3298, 0.3231



## Tritanopia

53.1566, 0.3402, 0.3132

# Trichromacy



## Original Color

53.0668, 0.3418, 0.3154

## Protanomaly

53.1195, 0.3207, 0.3183

## Deuteranomaly

53.2554, 0.3343, 0.3209

## Tritanomaly

53.1115, 0.3410, 0.3143

# Monochromacy



## Original Color

53.0668, 0.3418, 0.3154

## Achromatopsia

55.2011, 0.3127, 0.3290

## Achromatomaly

54.4671, 0.3228, 0.3243

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.0668, 0.3418, 0.3154 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, 181, 193)` looks like.

```
.text, #text, p{  
    color:rgb(226, 181, 193)  
}
```

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, 181, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 181, 193) }
```

## Border

The CSS property to change the border of an element to Yxy 53.0668, 0.3418, 0.3154 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, 181, 193) }
```

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

```
.border{ border-color:rgb(226, 181, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 181, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 181, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 181, 193);  
box-shadow:4px 4px 4px 4px rgb(226, 181,  
193) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.0668, 0.3418, 0.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 181, 193) }
```

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

```
.background{ background-color: rgb(226,  
181, 193) }
```

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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