

# Converting Colors

Yxy(52.8190, 0.3463, 0.3102)

Have a look what the booklet for  
Yxy(52.8190, 0.3463, 0.3102)  
contains.

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# **Color**

**Yxy(52.9367, 0.3459, 0.3101)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8B2C3
RGB	232, 178, 195
RGB Percent	91%, 70%, 76%
CMY	0.0902, 0.3019, 0.2354
CMYK	0.00, 0.23, 0.16, 0.09
HSL	341°, 54%, 80%
HSV	341°, 23%, 91%
XYZ	59.0481, 52.9367, 58.7237
YIQ	196.0840, 26.7270, 16.7350

# Conversions

## Conversions Part 2

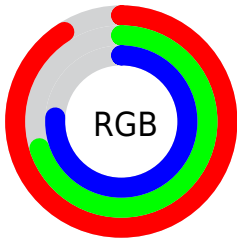
Format	Color
R <sub>Y</sub> B	232, 178, 195
Decimal	15250115
CIE Lab	77.84, 22.17, -1.01
CIE LCh	78, 22.188, 357.395
Yxy	52.9367, 0.3459, 0.3101
Android (android.graphics.Color)	4293440195 (0xFFE8B2C3)
YUV	196.0840, -0.5344, 31.4983
Hunter-Lab	72.7576, 17.5398, 3.0765

# Details

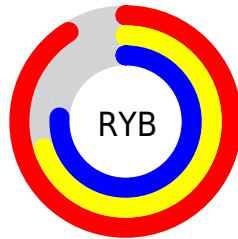
The Yxy color **52.9367, 0.3459, 0.3101** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.0882, 0.2879, 0.3488**, and the grayscale version is **55.2471, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1339, 0.3155, 0.3116**, and **25.8204, 0.3557, 0.3057** is the 20% darker color. If you saturate the color by 10%, you get **43.7923, 0.3657, 0.3015**, and if you desaturate by 10%, it is **63.7238, 0.3297, 0.3185**.

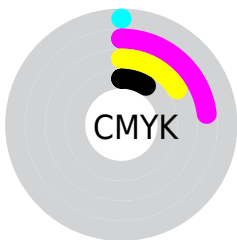
# Distribution



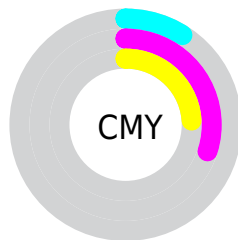
- Red (91%)
- Green (70%)
- Blue (76%)



- Red (91%)
- Yellow (70%)
- Blue (76%)



- Cyan (0%)
- Magenta (23%)
- Yellow (16%)
- Black (9%)




- Cyan (9%)
- Magenta (30%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 52.9367, 0.3459, 0.3101 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 52.9367, 0.3459, 0.3101 by changing the saturation by 10% instead.





 52.9367, 0.3459,  
0.3101

 52.9367, 0.3459,  
0.3101

398.0422, 0.3297,  
0.3193

 37.7522, 0.3498,  
0.3079


 94.5112, 0.3401,  
0.3134

 25.7905, 0.3548,  
0.3051


121.6701, 0.3379,  
0.3146

 16.6669, 0.3614,  
0.3014

153.5892, 0.3360,  
0.3157

 9.9973, 0.3703,  
0.2964

190.6529, 0.3344,  
0.3166

 5.3972, 0.3833,  
0.2891

233.2457, 0.3330,  
0.3174

 2.4821, 0.4037,  
0.2778

281.7519, 0.3318,

 0.8677, 0.4403,

0.3181

0.2578

336.5559, 0.3307,  
0.3188

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

52.9367, 0.3459,  
0.3101

52.9367, 0.3459,  
0.3101

43.7923, 0.3657,  
0.3015

63.7238, 0.3297,  
0.3185

36.2026, 0.3895,  
0.2932

76.2216, 0.3165,  
0.3265

30.0820, 0.4178,  
0.2858

90.5032, 0.3057,  
0.3339

25.3340, 0.4501,  
0.2804

95.8962, 0.2987,  
0.3290

■ 21.8502, 0.4854,  
0.2782

■ 19.5058, 0.5214,  
0.2804

■ 18.1496, 0.5548,  
0.2873

■ 17.6364, 0.5747,  
0.2940

# Harmonies

## Analogous

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



52.9367, 0.3167, 0.2910



52.9367, 0.3459, 0.3101



52.9367, 0.3664, 0.3343

# Triad

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



52.9367, 0.3459, 0.3101



52.9367, 0.3363, 0.3820



52.9367, 0.2570, 0.2958

# Complementary

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



52.9367, 0.3459, 0.3101



72.0882, 0.2879, 0.3488

# 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.



52.9367, 0.2617, 0.3198



52.9367, 0.3459, 0.3101



52.9367, 0.3066, 0.3718

# Square

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



52.9367, 0.3459, 0.3101



52.9367, 0.3603, 0.3763



52.9367, 0.2795, 0.3483



52.9367, 0.2662, 0.2822



# Rectangle

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



52.9367, 0.3459, 0.3101



52.9367, 0.3718, 0.3507



52.9367, 0.2795, 0.3483



52.9367, 0.2570, 0.3029

# Sweetspot

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



52.9391, 0.3459, 0.3101



88.3719, 0.3211, 0.3236



52.1025, 0.3016, 0.2687



18.7115, 0.3219, 0.3231



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.



52.9391, 0.3459, 0.3101



59.8335, 0.3551, 0.3059



56.2972, 0.3583, 0.3403



14.4423, 0.3243, 0.3216



9.8109, 0.5705, 0.2916



0.7413, 0.5290, 0.2688



# Inverse Universe

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



52.9391, 0.3459, 0.3101



59.8335, 0.3551, 0.3059



67.5896, 0.2774, 0.3174



14.4423, 0.3243, 0.3216



9.8109, 0.5705, 0.2916



0.7413, 0.5290, 0.2688



# Previews

## White Background



This preview shows how the Yxy color 52.9367, 0.3459, 0.3101 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

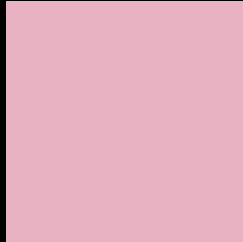
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 52.9367, 0.3459, 0.3101 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

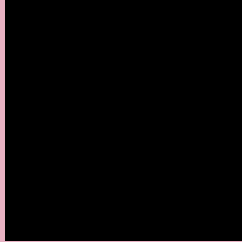
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 52.9367, 0.3459, 0.3101**

## Background



This preview shows how black text looks on a background with the Yxy color 52.9367, 0.3459, 0.3101.



This preview shows how white text looks on a background with the Yxy color 52.9367, 0.3459, 0.3101.

# 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

52.9367, 0.3459, 0.3101

### Protanopia

53.3485, 0.3054, 0.3156

### Deuteranopia

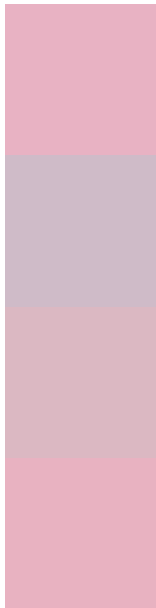
53.2398, 0.3281, 0.3219



## Tritanopia

52.8024, 0.3485, 0.3134

# Trichromacy



## Original Color

52.9367, 0.3459, 0.3101

## Protanomaly

52.9762, 0.3192, 0.3136

## Deuteranomaly

53.2361, 0.3345, 0.3175

## Tritanomaly

52.8469, 0.3476, 0.3123

# Monochromacy



## Original Color

52.9367, 0.3459, 0.3101

## Achromatopsia

55.2011, 0.3127, 0.3290

## Achromatomaly

53.9360, 0.3238, 0.3207

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 52.9367, 0.3459, 0.3101 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(232, 178, 195)` looks like.

```
.text, #text, p{  
    color:rgb(232, 178, 195)  
}
```

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(232, 178, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 178, 195) }
```

## Border

The CSS property to change the border of an element to Yxy 52.9367, 0.3459, 0.3101 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(232, 178, 195) }
```

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

```
.border{ border-color:rgb(232, 178, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 178, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 178, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 178, 195);  
box-shadow:4px 4px 4px 4px rgb(232, 178,  
195) }
```



# Background

The CSS property to change the background color of an element to Yxy 52.9367, 0.3459, 0.3101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 178, 195) }
```

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

```
.background{ background-color: rgb(232,  
178, 195) }
```

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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