

# Converting Colors

$Yxy(52.0022, 0.3482, 0.3098)$

Have a look what the booklet for  
Yxy(52.0022, 0.3482, 0.3098)  
contains.

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# **Color**

**Yxy(52.0567, 0.3480, 0.3100)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8B0C1
RGB	232, 176, 193
RGB Percent	91%, 69%, 76%
CMY	0.0901, 0.3098, 0.2431
CMYK	0.00, 0.24, 0.17, 0.09
HSL	342°, 55%, 80%
HSV	342°, 24%, 91%
XYZ	58.4378, 52.0567, 57.4303
YIQ	194.6820, 27.9190, 17.1590

# Conversions

## Conversions Part 2

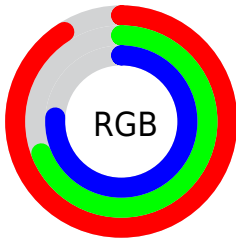
Format	Color
R <sub>Y</sub> B	232, 176, 193
Decimal	15249601
CIE Lab	77.31, 22.94, -0.71
CIE LCh	77, 22.955, 358.238
Yxy	52.0567, 0.3480, 0.3100
Android (android.graphics.Color)	4293439681 (0xFFE8B0C1)
YUV	194.6820, -0.8292, 32.7279
Hunter-Lab	72.1503, 18.3122, 3.3115

# Details

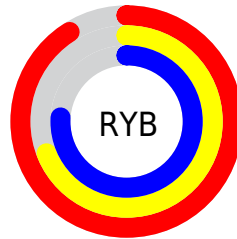
The Yxy color **52.0567, 0.3480, 0.3100** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.8646, 0.2866, 0.3489**, and the grayscale version is **54.3695, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.8128, 0.3175, 0.3125**, and **25.2895, 0.3575, 0.3042** is the 20% darker color. If you saturate the color by 10%, you get **43.0430, 0.3684, 0.3017**, and if you desaturate by 10%, it is **62.7089, 0.3312, 0.3182**.

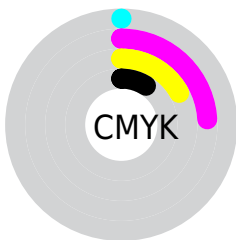
# Distribution



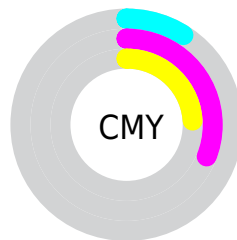
- Red (91%)
- Green (69%)
- Blue (76%)



- Red (91%)
- Yellow (69%)
- Blue (76%)



- Cyan (0%)
- Magenta (24%)
- Yellow (17%)
- Black (9%)



- Cyan (9%)
- Magenta (31%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0567, 0.3480, 0.3100 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 52.0567, 0.3480, 0.3100 by changing the saturation by 10% instead.





 52.0567, 0.3480,  
0.3100

 52.0567, 0.3480,  
0.3100


394.6555, 0.3307,  
0.3193

 37.0503, 0.3522,  
0.3077


 93.2149, 0.3418,  
0.3133

 25.2464, 0.3576,  
0.3049


120.1354, 0.3394,  
0.3146

 16.2607, 0.3646,  
0.3011


151.7960, 0.3374,  
0.3157

 9.7088, 0.3743,  
0.2960

188.5813, 0.3357,  
0.3166

 5.2063, 0.3883,  
0.2885

230.8754, 0.3342,  
0.3174

 2.3688, 0.4105,  
0.2768

279.0629, 0.3329,

 0.8098, 0.4510,

0.3181

0.2554

333.5281, 0.3317,  
0.3187

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

52.0567, 0.3480,  
0.3100

52.0567, 0.3480,  
0.3100

43.0430, 0.3684,  
0.3017

62.7089, 0.3312,  
0.3182

35.5790, 0.3931,  
0.2937

75.0684, 0.3176,  
0.3259

29.5786, 0.4222,  
0.2867

89.2085, 0.3065,  
0.3332

24.9440, 0.4555,  
0.2818

95.9005, 0.2988,  
0.3290

■ 21.5655, 0.4916,  
0.2801

■ 19.3161, 0.5280,  
0.2828

■ 18.0417, 0.5613,  
0.2903

■ 17.6091, 0.5785,  
0.2960

# Harmonies

## Analogous

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



52.0567, 0.3177, 0.2900



52.0567, 0.3480, 0.3100



52.0567, 0.3690, 0.3351

# Triad

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



52.0567, 0.3480, 0.3100



52.0567, 0.3363, 0.3841



52.0567, 0.2549, 0.2939

# Complementary

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



52.0567, 0.3480, 0.3100



71.8646, 0.2866, 0.3489

# 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.



52.0567, 0.2594, 0.3186



52.0567, 0.3480, 0.3100



52.0567, 0.3055, 0.3731

# Square

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



52.0567, 0.3480, 0.3100



52.0567, 0.3617, 0.3785



52.0567, 0.2775, 0.3483



52.0567, 0.2649, 0.2801



# Rectangle

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



52.0567, 0.3480, 0.3100



52.0567, 0.3743, 0.3521



52.0567, 0.2775, 0.3483



52.0567, 0.2548, 0.3011

# Sweetspot

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



52.0591, 0.3480, 0.3100



88.3606, 0.3213, 0.3237



51.2141, 0.3011, 0.2663



18.7089, 0.3221, 0.3233



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.



52.0591, 0.3480, 0.3100



58.6647, 0.3577, 0.3058



55.5244, 0.3605, 0.3407



14.4397, 0.3245, 0.3219



9.7928, 0.5743, 0.2937



0.7397, 0.5327, 0.2708



# Inverse Universe

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



52.0591, 0.3480, 0.3100



58.6647, 0.3577, 0.3058



67.1693, 0.2762, 0.3169



14.4397, 0.3245, 0.3219



9.7928, 0.5743, 0.2937

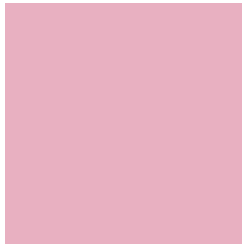


0.7397, 0.5327, 0.2708



# Previews

## White Background



This preview shows how the Yxy color 52.0567, 0.3480, 0.3100 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

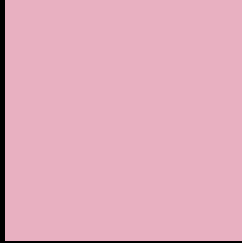
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 52.0567, 0.3480, 0.3100 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 52.0567, 0.3480, 0.3100**

## **Background**



This preview shows how black text looks on a background with the Yxy color 52.0567, 0.3480, 0.3100.



This preview shows how white text looks on a background with the Yxy color 52.0567, 0.3480, 0.3100.

# 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

52.0567, 0.3480, 0.3100

### Protanopia

52.2504, 0.3061, 0.3155

### Deuteranopia

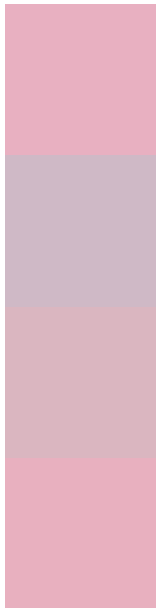
52.1611, 0.3291, 0.3219



## Tritanopia

51.9242, 0.3506, 0.3134

# Trichromacy



## Original Color

52.0567, 0.3480, 0.3100

## Protanomaly

52.0405, 0.3210, 0.3135

## Deuteranomaly

52.1671, 0.3356, 0.3174

## Tritanomaly

51.9681, 0.3497, 0.3123

# Monochromacy



## Original Color

52.0567, 0.3480, 0.3100

## Achromatopsia

54.5724, 0.3127, 0.3290

## Achromatomaly

53.2714, 0.3247, 0.3219

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 52.0567, 0.3480, 0.3100 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, 176, 193)` looks like.

```
.text, #text, p{  
    color:rgb(232, 176, 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(232, 176, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 176, 193) }
```

## Border

The CSS property to change the border of an element to Yxy 52.0567, 0.3480, 0.3100 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, 176, 193) }
```

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

```
.border{ border-color:rgb(232, 176, 193) }
```

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

Here you see how a box with a 4 pixel rgb(232, 176, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 176, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 176, 193);  
box-shadow:4px 4px 4px 4px rgb(232, 176,  
193) }
```



# Background

The CSS property to change the background color of an element to Yxy 52.0567, 0.3480, 0.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 176, 193) }
```

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

```
.background{ background-color: rgb(232,  
176, 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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