

# Converting Colors

Yxy(53.8047, 0.3391, 0.2856)

Have a look what the booklet for  
Yxy(53.8047, 0.3391, 0.2856)  
contains.

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# Color

**Yxy(53.6194, 0.3390, 0.2853)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2ADD6
RGB	242, 173, 214
RGB Percent	95%, 68%, 84%
CMY	0.0508, 0.3216, 0.1608
CMYK	0.00, 0.29, 0.12, 0.05
HSL	324°, 73%, 81%
HSV	324°, 29%, 95%
XYZ	63.7118, 53.6194, 70.6092
YIQ	198.3050, 27.9630, 27.3790

# Conversions

## Conversions Part 2

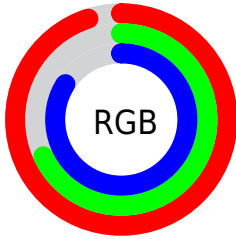
<b>Format</b>	<b>Color</b>
RYB	242, 173, 214
Decimal	15904214
CIELab	78.24, 31.38, -10.63
CIELCh	78, 33.135, 341.285
Yxy	53.6194, 0.3390, 0.2853
Android (android.graphics.Color)	4294094294 (0xFF2ADD6)
YUV	198.3050, 7.7376, 38.3205
Hunter-Lab	73.2253, 27.1650, -5.9141

# Details

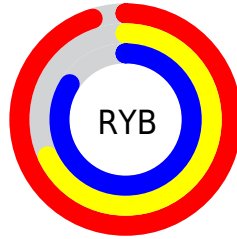
The Yxy color **53.6194, 0.3390, 0.2853** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **76.6357, 0.2932, 0.3773**, and the grayscale version is **56.6088, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5186, 0.3139, 0.3039**, and **26.2504, 0.3459, 0.2753** is the 20% darker color. If you saturate the color by 10%, you get **44.6786, 0.3516, 0.2696**, and if you desaturate by 10%, it is **64.2768, 0.3283, 0.3011**.

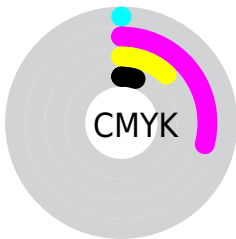
# Distribution



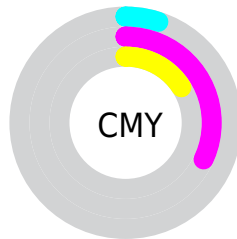
- Red (95%)
- Green (68%)
- Blue (84%)



- Red (95%)
- Yellow (68%)
- Blue (84%)



- Cyan (0%)
- Magenta (29%)
- Yellow (12%)
- Black (5%)




- Cyan (5%)
- Magenta (32%)
- Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.6194, 0.3390, 0.2853 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 53.6194, 0.3390, 0.2853 by changing the saturation by 10% instead.





 53.6194, 0.3390,  
0.2853

 53.6194, 0.3390,  
0.2853


400.6570, 0.3266,  
0.3059

 38.2975, 0.3419,  
0.2805


 95.5152, 0.3346,  
0.2925

 26.2136, 0.3456,  
0.2746


122.8578, 0.3329,  
0.2953

 16.9835, 0.3502,  
0.2670


154.9762, 0.3315,  
0.2977

 10.2228, 0.3564,  
0.2570

192.2546, 0.3302,  
0.2997

 5.5469, 0.3651,  
0.2432

235.0775, 0.3291,  
0.3015

 2.5716, 0.3780,  
0.2230

283.8293, 0.3282,

 0.9124, 0.3989,

0.3032

0.1909

338.8943, 0.3273,  
0.3046

0.0000, 0.5224,  
0.0000

0.0000, 0.0000,  
0.0000

53.6194, 0.3390,  
0.2853

53.6194, 0.3390,  
0.2853

44.6786, 0.3516,  
0.2696

64.2768, 0.3283,  
0.3011

37.3558, 0.3661,  
0.2547

76.7280, 0.3192,  
0.3165

31.5533, 0.3824,  
0.2417

91.0544, 0.3117,  
0.3311

27.1601, 0.4003,  
0.2316

97.5187, 0.3057,  
0.3306

■ 24.0495, 0.4191,  
0.2258

■ 97.6263, 0.3048,  
0.3290

■ 22.0722, 0.4382,  
0.2251

■ 21.0134, 0.4567,  
0.2296

■ 20.8922, 0.4594,  
0.2304

# Harmonies

## Analogous

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



53.6194, 0.2941, 0.2644



53.6194, 0.3390, 0.2853



53.6194, 0.3788, 0.3164

# Triad

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



53.6194, 0.3390, 0.2853



53.6194, 0.3677, 0.4060



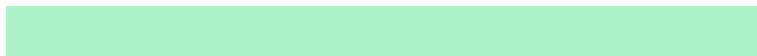
53.6194, 0.2329, 0.2962

# Complementary

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



53.6194, 0.3390, 0.2853



76.6357, 0.2932, 0.3773

# 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.



53.6194, 0.2497, 0.3373



53.6194, 0.3390, 0.2853



53.6194, 0.3265, 0.4055

# Square

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



53.6194, 0.3390, 0.2853



53.6194, 0.3952, 0.3848



53.6194, 0.2833, 0.3794



53.6194, 0.2355, 0.2683



# Rectangle

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



53.6194, 0.3390, 0.2853



53.6194, 0.3955, 0.3399



53.6194, 0.2833, 0.3794



53.6194, 0.2363, 0.3088

# Sweetspot

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



53.6218, 0.3390, 0.2853



85.6355, 0.3196, 0.3157



48.6579, 0.2831, 0.2506



17.8673, 0.3209, 0.3135



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.



53.6218, 0.3390, 0.2853



54.5322, 0.3458, 0.2765



52.0576, 0.3694, 0.3216



15.9164, 0.3200, 0.3151



11.2459, 0.4565, 0.2288



0.9552, 0.4337, 0.2163



# Inverse Universe

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



53.6218, 0.3390, 0.2853



54.5322, 0.3458, 0.2765



78.4235, 0.2748, 0.3367



15.9164, 0.3200, 0.3151



11.2459, 0.4565, 0.2288



0.9552, 0.4337, 0.2163



# Previews

## White Background



This preview shows how the Yxy color 53.6194, 0.3390, 0.2853 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

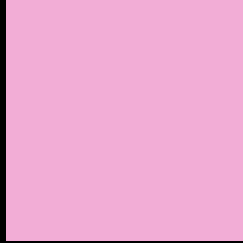
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 53.6194, 0.3390, 0.2853 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 53.6194, 0.3390, 0.2853**

## Background



This preview shows how black text looks on a background with the Yxy color 53.6194, 0.3390, 0.2853.



This preview shows how white text looks on a background with the Yxy color 53.6194, 0.3390, 0.2853.

# 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

53.6194, 0.3390, 0.2853

### Protanopia

53.7551, 0.2848, 0.2885

### Deuteranopia

53.6487, 0.3091, 0.3020



## Tritanopia

53.5566, 0.3557, 0.3137

# Trichromacy



## Original Color

53.6194, 0.3390, 0.2853



## Protanomaly

53.2372, 0.3026, 0.2863



## Deuteranomaly

53.5259, 0.3192, 0.2960



## Tritanomaly

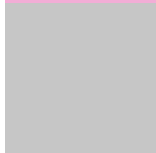
53.6995, 0.3497, 0.3041

# Monochromacy



## Original Color

53.6194, 0.3390, 0.2853



## Achromatopsia

56.4712, 0.3127, 0.3290



## Achromatomaly

55.0510, 0.3217, 0.3117

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.6194, 0.3390, 0.2853 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(242, 173, 214)` looks like.

```
.text, #text, p{  
    color:rgb(242, 173, 214)  
}
```

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(242, 173, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 173, 214) }
```

## Border

The CSS property to change the border of an element to Yxy 53.6194, 0.3390, 0.2853 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(242, 173, 214) }
```

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

```
.border{ border-color:rgb(242, 173, 214) }
```

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

Here you see how a box with a 4 pixel rgb(242, 173, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 173, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 173, 214);  
box-shadow:4px 4px 4px 4px rgb(242, 173,  
214) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.6194, 0.3390, 0.2853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 173, 214) }
```

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

```
.background{ background-color: rgb(242,  
173, 214) }
```

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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