

Converting Colors

Yxy(53.4582, 0.3378, 0.2840)

Have a look what the booklet for
Yxy(53.4582, 0.3378, 0.2840)
contains.

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Color

Yxy(53.6707, 0.3381, 0.2843)

Conversions

Conversions Part 1

Format	Color
Hex	F2ADD7
RGB	242, 173, 215
RGB Percent	95%, 68%, 84%
CMY	0.0510, 0.3215, 0.1569
CMYK	0.00, 0.29, 0.11, 0.05
HSL	323°, 73%, 81%
HSV	323°, 29%, 95%
XYZ	63.8272, 53.6707, 71.2841
YIQ	198.4190, 27.6420, 27.6900

Conversions

Conversions Part 2

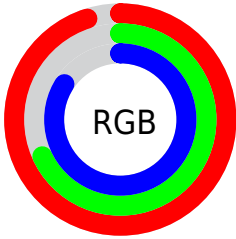
Format	Color
R _Y B	242, 173, 215
Decimal	15904215
CIE Lab	78.27, 31.52, -11.13
CIE LCh	78, 33.424, 340.550
Yxy	53.6707, 0.3381, 0.2843
Android (android.graphics.Color)	4294094295 (0xFF F2 ADD 7)
YUV	198.4190, 8.1744, 38.2205
Hunter-Lab	73.2603, 27.3105, -6.4084

Details

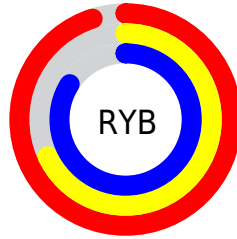
The Yxy color **53.6707, 0.3381, 0.2843** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **76.5605, 0.2937, 0.3785**, and the grayscale version is **56.6783, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5186, 0.3139, 0.3039**, and **26.2853, 0.3447, 0.2740** is the 20% darker color. If you saturate the color by 10%, you get **44.7443, 0.3502, 0.2682**, and if you desaturate by 10%, it is **64.3110, 0.3278, 0.3005**.

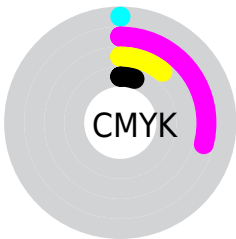
Distribution



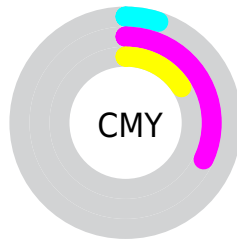
- Red (95%)
- Green (68%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (29%)
- Yellow (11%)
- Black (5%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6707, 0.3381, 0.2843 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 53.6707, 0.3381, 0.2843 by changing the saturation by 10% instead.

 53.6707, 0.3381,
0.2843

 53.6707, 0.3381,
0.2843

400.8530, 0.3261,
0.3053

 38.3385, 0.3409,
0.2794


 95.5906, 0.3339,
0.2916

 26.2455, 0.3444,
0.2734


122.9470, 0.3323,
0.2945

 17.0074, 0.3489,
0.2657


155.0802, 0.3309,
0.2969

 10.2397, 0.3548,
0.2555

192.3747, 0.3297,
0.2990

 5.5582, 0.3630,
0.2415

235.2149, 0.3286,
0.3009

 2.5784, 0.3752,
0.2210

283.9850, 0.3277,

 0.9158, 0.3949,

0.3025

0.1886

339.0696, 0.3269,
0.3040

0.0000, 0.5077,
0.0000

0.0000, 0.0000,
0.0000

53.6707, 0.3381,
0.2843

53.6707, 0.3381,
0.2843

44.7443, 0.3502,
0.2682

64.3110, 0.3278,
0.3005

37.4332, 0.3641,
0.2530

76.7423, 0.3190,
0.3162

31.6400, 0.3798,
0.2396

91.0458, 0.3117,
0.3312

27.2536, 0.3968,
0.2293

97.4819, 0.3059,
0.3310

■ 24.1478, 0.4148,
0.2232

■ 97.6175, 0.3048,
0.3290

■ 22.1734, 0.4329,
0.2221

■ 21.1162, 0.4506,
0.2262

■ 20.9932, 0.4532,
0.2270

Harmonies

Analogous

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



53.6707, 0.2929, 0.2635



53.6707, 0.3381, 0.2843



53.6707, 0.3785, 0.3154

Triad

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



53.6707, 0.3381, 0.2843



53.6707, 0.3690, 0.4063



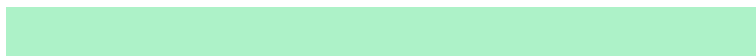
53.6707, 0.2324, 0.2968

Complementary

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



53.6707, 0.3381, 0.2843



76.5605, 0.2937, 0.3785

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.



53.6707, 0.2498, 0.3385



53.6707, 0.3381, 0.2843



53.6707, 0.3276, 0.4065

Square

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



53.6707, 0.3381, 0.2843



53.6707, 0.3963, 0.3845



53.6707, 0.2841, 0.3808



53.6707, 0.2346, 0.2683

Rectangle

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



53.6707, 0.3381, 0.2843



53.6707, 0.3958, 0.3391



53.6707, 0.2841, 0.3808



53.6707, 0.2361, 0.3096

Sweetspot

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



53.6731, 0.3381, 0.2843



85.6563, 0.3194, 0.3154



48.5046, 0.2822, 0.2505



17.8725, 0.3206, 0.3132



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.



53.6731, 0.3381, 0.2843



54.6003, 0.3446, 0.2753



52.1053, 0.3683, 0.3203



15.9205, 0.3198, 0.3147



11.3052, 0.4504, 0.2255



0.9600, 0.4287, 0.2135

Inverse Universe

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



53.6731, 0.3381, 0.2843



54.6003, 0.3446, 0.2753



78.3278, 0.2755, 0.3380



15.9205, 0.3198, 0.3147



11.3052, 0.4504, 0.2255



0.9600, 0.4287, 0.2135

Previews

White Background



This preview shows how the Yxy color 53.6707, 0.3381, 0.2843 looks on a white background.

Color Contrast Check

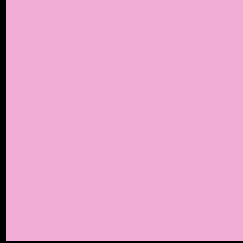
Large Text (above 18pt) WCAG AA × Fail

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 53.6707, 0.3381, 0.2843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

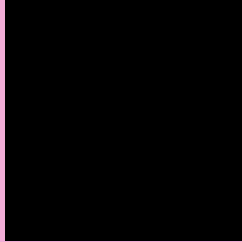
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.6707, 0.3381, 0.2843

Background



This preview shows how black text looks on a background with the Yxy color 53.6707, 0.3381, 0.2843.



This preview shows how white text looks on a background with the Yxy color 53.6707, 0.3381, 0.2843.

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

53.6707, 0.3381, 0.2843

Protanopia

53.8655, 0.2835, 0.2862

Deuteranopia

53.9860, 0.3075, 0.3020



Tritanopia

53.5566, 0.3557, 0.3137

Trichromacy



Original Color

53.6707, 0.3381, 0.2843



Protanomaly

53.2910, 0.3019, 0.2853



Deuteranomaly

53.5765, 0.3185, 0.2949



Tritanomaly

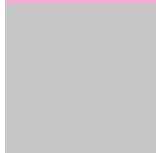
53.7461, 0.3489, 0.3030

Monochromacy



Original Color

53.6707, 0.3381, 0.2843



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 53.6707, 0.3381, 0.2843 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(242, 173, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 173, 215) }
```

Border

The CSS property to change the border of an element to Yxy 53.6707, 0.3381, 0.2843 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, 215) }
```

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

```
.border{ border-color:rgb(242, 173, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 173, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 173, 215); box-shadow:4px 4px 4px 4px rgb(242, 173, 215) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6707, 0.3381, 0.2843 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, 215) }
```

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

```
.background{ background-color: rgb(242,  
173, 215) }
```

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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