

Converting Colors

$Y_{xy}(53.6753, 0.3469, 0.2957)$

Have a look what the booklet for
Yxy(53.6753, 0.3469, 0.2957)
contains.

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Color

Yxy(53.5571, 0.3466, 0.2957)

Conversions

Conversions Part 1

Format	Color
Hex	F2AECD
RGB	242, 174, 205
RGB Percent	95%, 68%, 80%
CMY	0.0509, 0.3176, 0.1961
CMYK	0.00, 0.28, 0.15, 0.05
HSL	333°, 72%, 82%
HSV	333°, 28%, 95%
XYZ	62.7761, 53.5571, 64.7865
YIQ	197.8660, 30.5770, 24.0570

Conversions

Conversions Part 2

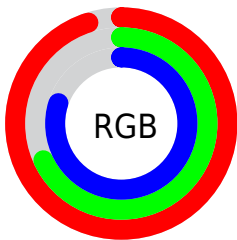
Format	Color
R _Y B	242, 174, 205
Decimal	15904461
CIE Lab	78.20, 29.39, -5.80
CIE LCh	78, 29.954, 348.837
Yxy	53.5571, 0.3466, 0.2957
Android (android.graphics.Color)	4294094541 (0xFF2AEC)
YUV	197.8660, 3.5171, 38.7055
Hunter-Lab	73.1827, 25.0474, -1.2598

Details

The Yxy color **53.5571, 0.3466, 0.2957** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **77.2134, 0.2883, 0.3651**, and the grayscale version is **56.3524, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0736, 0.3138, 0.3048**, and **26.2234, 0.3553, 0.2873** is the 20% darker color. If you saturate the color by 10%, you get **44.4264, 0.3636, 0.2834**, and if you desaturate by 10%, it is **64.4308, 0.3324, 0.3080**.

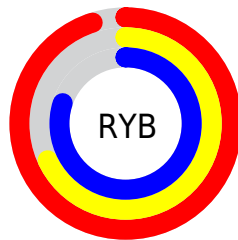
Distribution



Red (95%)

Green (68%)

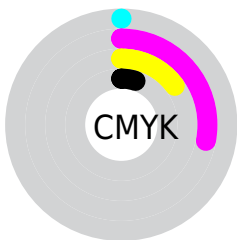
Blue (80%)



Red (95%)

Yellow (68%)

Blue (80%)

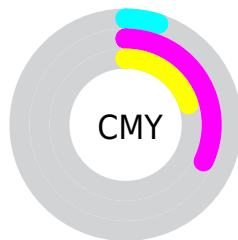


Cyan (0%)

Magenta (28%)

Yellow (15%)

Black (5%)



Cyan (5%)


Magenta (32%)


Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.5571, 0.3466, 0.2957 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 53.5571, 0.3466, 0.2957 by changing the saturation by 10% instead.


 53.5571, 0.3466,
0.2957

 53.5571, 0.3466,
0.2957


400.4188, 0.3303,
0.3116

 38.2477, 0.3505,
0.2920


 95.4236, 0.3408,
0.3013

 26.1750, 0.3554,
0.2873


122.7495, 0.3386,
0.3034

 16.9546, 0.3618,
0.2812


154.8497, 0.3367,
0.3053

 10.2021, 0.3705,
0.2732

192.1086, 0.3350,
0.3069

 5.5332, 0.3828,
0.2619

234.9106, 0.3336,
0.3083

 2.5634, 0.4017,
0.2450

283.6400, 0.3324,

 0.9083, 0.4341,

0.3095

0.2169

338.6813, 0.3312,
0.3106

0.0000, 0.7367,
0.0000

0.0000, 0.0000,
0.0000

53.5571, 0.3466,
0.2957

53.5571, 0.3466,
0.2957

44.4264, 0.3636,
0.2834

64.4308, 0.3324,
0.3080

36.9395, 0.3836,
0.2718

77.1250, 0.3207,
0.3199

30.9985, 0.4066,
0.2618

91.7218, 0.3110,
0.3311

26.4921, 0.4323,
0.2546

97.6192, 0.3048,
0.3290

■ 23.2935, 0.4597,
0.2516

■ 21.2538, 0.4874,
0.2538

■ 20.1670, 0.5136,
0.2613

■ 20.0118, 0.5185,
0.2630

Harmonies

Analogous

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



53.5571, 0.3060, 0.2737



53.5571, 0.3466, 0.2957



53.5571, 0.3791, 0.3258

Triad

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



53.5571, 0.3466, 0.2957



53.5571, 0.3542, 0.4006



53.5571, 0.2389, 0.2918

Complementary

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



53.5571, 0.3466, 0.2957



77.2134, 0.2883, 0.3651

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.



53.5571, 0.2500, 0.3268



53.5571, 0.3466, 0.2957



53.5571, 0.3153, 0.3938

Square

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



53.5571, 0.3466, 0.2957



53.5571, 0.3829, 0.3861



53.5571, 0.2774, 0.3656



53.5571, 0.2458, 0.2700

Rectangle

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



53.5571, 0.3466, 0.2957



53.5571, 0.3907, 0.3476



53.5571, 0.2774, 0.3656



53.5571, 0.2406, 0.3023

Sweetspot

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



53.5595, 0.3466, 0.2957



86.9734, 0.3206, 0.3200



50.4257, 0.2906, 0.2535



18.1248, 0.3222, 0.3182



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.



53.5595, 0.3466, 0.2957



53.9213, 0.3564, 0.2883



53.0911, 0.3738, 0.3317



15.8787, 0.3222, 0.3183



10.7762, 0.5145, 0.2608



0.9163, 0.4825, 0.2432

Inverse Universe

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



53.5595, 0.3466, 0.2957



53.9213, 0.3564, 0.2883



77.5800, 0.2716, 0.3263



15.8787, 0.3222, 0.3183



10.7762, 0.5145, 0.2608



0.9163, 0.4825, 0.2432

Previews

White Background



This preview shows how the Yxy color 53.5571, 0.3466, 0.2957 looks on a white background.

Color Contrast Check

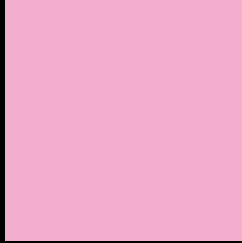
Large Text (above 18pt) WCAG AA × Fail

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 53.5571, 0.3466, 0.2957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

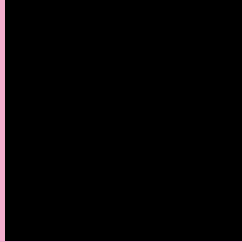
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.5571, 0.3466, 0.2957

Background



This preview shows how black text looks on a background with the Yxy color 53.5571, 0.3466, 0.2957.



This preview shows how white text looks on a background with the Yxy color 53.5571, 0.3466, 0.2957.

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

53.5571, 0.3466, 0.2957

Protanopia

53.7335, 0.2945, 0.3002

Deuteranopia

53.7860, 0.3192, 0.3126



Tritanopia

53.6873, 0.3575, 0.3149

Trichromacy



Original Color

53.5571, 0.3466, 0.2957

Protanomaly

53.1530, 0.3125, 0.2977

Deuteranomaly

53.5509, 0.3290, 0.3062

Tritanomaly

53.6916, 0.3541, 0.3084

Monochromacy



Original Color

53.5571, 0.3466, 0.2957

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

54.9084, 0.3241, 0.3151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5571, 0.3466, 0.2957 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, 174, 205)` looks like.

```
.text, #text, p{  
    color:rgb(242, 174, 205)  
}
```

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, 174, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 174, 205) }
```

Border

The CSS property to change the border of an element to Yxy 53.5571, 0.3466, 0.2957 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, 174, 205) }
```

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

```
.border{ border-color:rgb(242, 174, 205) }
```

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

Here you see how a box with a 4 pixel rgb(242, 174, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 174, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 174, 205);  
box-shadow:4px 4px 4px 4px rgb(242, 174,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5571, 0.3466, 0.2957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 174, 205) }
```

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

```
.background{ background-color: rgb(242,  
174, 205) }
```

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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