

Converting Colors

Yxy(51.2901, 0.3411, 0.2888)

Have a look what the booklet for
Yxy(51.2901, 0.3411, 0.2888)
contains.

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Color

Yxy(51.2590, 0.3411, 0.2887)

Conversions

Conversions Part 1

Format	Color
Hex	EDAACF
RGB	237, 170, 207
RGB Percent	93%, 67%, 81%
CMY	0.0706, 0.3333, 0.1883
CMYK	0.00, 0.28, 0.13, 0.07
HSL	327°, 65%, 80%
HSV	327°, 28%, 93%
XYZ	60.5627, 51.2590, 65.7294
YIQ	194.2510, 28.0550, 25.7110

Conversions

Conversions Part 2

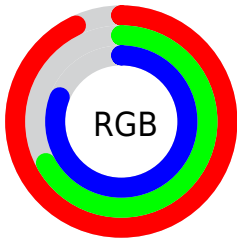
Format	Color
R _Y B	237, 170, 207
Decimal	15575759
CIE Lab	76.84, 30.10, -8.97
CIE LCh	77, 31.409, 343.409
Yxy	51.2590, 0.3411, 0.2887
Android (android.graphics.Color)	4293765839 (0xFFEDAACF)
YUV	194.2510, 6.2853, 37.4909
Hunter-Lab	71.5954, 25.7016, -4.3155

Details

The Yxy color **51.2590, 0.3411, 0.2887** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **73.2887, 0.2918, 0.3732**, and the grayscale version is **54.0561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8727, 0.3140, 0.3009**, and **24.7258, 0.3478, 0.2780** is the 20% darker color. If you saturate the color by 10%, you get **42.6599, 0.3549, 0.2740**, and if you desaturate by 10%, it is **61.4994, 0.3294, 0.3034**.

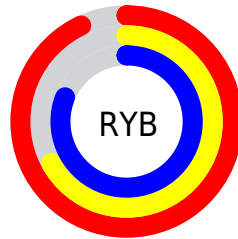
Distribution



Red (93%)

Green (67%)

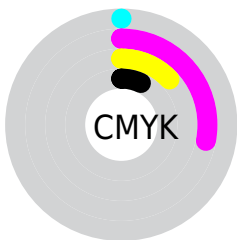
Blue (81%)



Red (93%)

Yellow (67%)

Blue (81%)

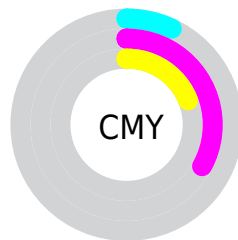


Cyan (0%)

Magenta (28%)

Yellow (13%)

Black (7%)



Cyan (7%)


Magenta (33%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.2590, 0.3411, 0.2887 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 51.2590, 0.3411, 0.2887 by changing the saturation by 10% instead.

 51.2590, 0.3411,
0.2887

 51.2590, 0.3411,
0.2887

391.5692, 0.3275,
0.3079

 36.4148, 0.3443,
0.2842


 92.0375, 0.3363,
0.2955

 24.7547, 0.3484,
0.2785


118.7406, 0.3344,
0.2981

 15.8944, 0.3537,
0.2713


150.1654, 0.3328,
0.3003

 9.4495, 0.3609,
0.2616

186.6963, 0.3315,
0.3022

 5.0355, 0.3709,
0.2481

228.7178, 0.3303,
0.3039

 2.2681, 0.3863,
0.2279

276.6141, 0.3292,

 0.7567, 0.4131,

0.3054

0.1936

330.7698, 0.3283,
0.3067

0.0000, 0.6207,
0.0000

0.0000, 0.0000,
0.0000

51.2590, 0.3411,
0.2887

51.2590, 0.3411,
0.2887

42.6599, 0.3549,
0.2740

61.4994, 0.3294,
0.3034

35.6083, 0.3710,
0.2601

73.4545, 0.3196,
0.3177

30.0117, 0.3892,
0.2479

87.2015, 0.3114,
0.3313

25.7647, 0.4094,
0.2386

96.3935, 0.3048,
0.3344

■ 22.7475, 0.4307,
0.2335

■ 96.7454, 0.3017,
0.3290

■ 20.8188, 0.4523,
0.2336

■ 19.7792, 0.4733,
0.2389

■ 19.6400, 0.4769,
0.2401

Harmonies

Analogous

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



51.2590, 0.2978, 0.2676



51.2590, 0.3411, 0.2887



51.2590, 0.3784, 0.3193

Triad

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



51.2590, 0.3411, 0.2887



51.2590, 0.3633, 0.4038



51.2590, 0.2352, 0.2951

Complementary

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



51.2590, 0.3411, 0.2887



73.2887, 0.2918, 0.3732

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.



51.2590, 0.2502, 0.3341



51.2590, 0.3411, 0.2887



51.2590, 0.3231, 0.4014

Square

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



51.2590, 0.3411, 0.2887



51.2590, 0.3909, 0.3848



51.2590, 0.2818, 0.3749



51.2590, 0.2391, 0.2693

Rectangle

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



51.2590, 0.3411, 0.2887



51.2590, 0.3934, 0.3422



51.2590, 0.2818, 0.3749



51.2590, 0.2381, 0.3070

Sweetspot

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



51.2613, 0.3411, 0.2887



87.0933, 0.3194, 0.3181



47.0133, 0.2852, 0.2519



18.1550, 0.3207, 0.3160



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.



51.2613, 0.3411, 0.2887



54.3426, 0.3489, 0.2800



49.8310, 0.3707, 0.3242



15.1933, 0.3206, 0.3161



10.7490, 0.4737, 0.2383



0.8634, 0.4467, 0.2234

Inverse Universe

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



51.2613, 0.3411, 0.2887



54.3426, 0.3489, 0.2800



74.9747, 0.2740, 0.3340



15.1933, 0.3206, 0.3161



10.7490, 0.4737, 0.2383



0.8634, 0.4467, 0.2234

Previews

White Background



This preview shows how the Yxy color 51.2590, 0.3411, 0.2887 looks on a white background.

Color Contrast Check

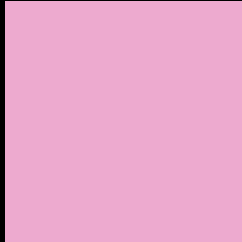
Large Text (above 18pt) WCAG AA × Fail

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 51.2590, 0.3411, 0.2887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

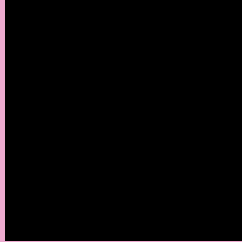
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.2590, 0.3411, 0.2887

Background



This preview shows how black text looks on a background with the Yxy color 51.2590, 0.3411, 0.2887.



This preview shows how white text looks on a background with the Yxy color 51.2590, 0.3411, 0.2887.

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

51.2590, 0.3411, 0.2887

Protanopia

51.8240, 0.2878, 0.2925

Deuteranopia

51.6141, 0.3121, 0.3062



Tritanopia

51.5221, 0.3564, 0.3146

Trichromacy



Original Color

51.2590, 0.3411, 0.2887



Protanomaly

51.1996, 0.3055, 0.2902



Deuteranomaly

51.4974, 0.3226, 0.3000



Tritanomaly

51.6150, 0.3512, 0.3058

Monochromacy



Original Color

51.2590, 0.3411, 0.2887



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

52.5231, 0.3227, 0.3125

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2590, 0.3411, 0.2887 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(237, 170, 207)` looks like.

```
.text, #text, p{  
    color:rgb(237, 170, 207)  
}
```

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(237, 170, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 170, 207) }
```

Border

The CSS property to change the border of an element to Yxy 51.2590, 0.3411, 0.2887 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(237, 170, 207) }
```

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

```
.border{ border-color:rgb(237, 170, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 170, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 170, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 170, 207);  
box-shadow:4px 4px 4px 4px rgb(237, 170,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2590, 0.3411, 0.2887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 170, 207) }
```

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

```
.background{ background-color: rgb(237,  
170, 207) }
```

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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