

Converting Colors

Yxy(51.7936, 0.3376, 0.2853)

Have a look what the booklet for
Yxy(51.7936, 0.3376, 0.2853)
contains.

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Color

Yxy(51.8335, 0.3375, 0.2856)

Conversions

Conversions Part 1

Format	Color
Hex	EDABD3
RGB	237, 171, 211
RGB Percent	93%, 67%, 83%
CMY	0.0705, 0.3294, 0.1726
CMYK	0.00, 0.28, 0.11, 0.07
HSL	324°, 65%, 80%
HSV	324°, 28%, 93%
XYZ	61.2528, 51.8335, 68.4035
YIQ	195.2940, 26.4960, 26.4320

Conversions

Conversions Part 2

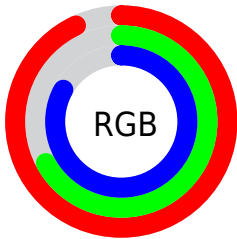
Format	Color
R _Y B	237, 171, 211
Decimal	15576019
CIE Lab	77.18, 30.24, -10.63
CIE LCh	77, 32.055, 340.625
Yxy	51.8335, 0.3375, 0.2856
Android (android.graphics.Color)	4293766099 (0xFFEDABD3)
YUV	195.2940, 7.7431, 36.5762
Hunter-Lab	71.9955, 25.8734, -5.9351

Details

The Yxy color **51.8335, 0.3375, 0.2856** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **73.2750, 0.2941, 0.3769**, and the grayscale version is **54.7007, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4182, 0.3140, 0.3019**, and **25.0605, 0.3440, 0.2754** is the 20% darker color. If you saturate the color by 10%, you get **43.2153, 0.3496, 0.2696**, and if you desaturate by 10%, it is **62.0891, 0.3272, 0.3017**.

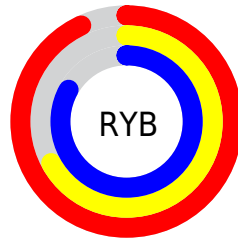
Distribution



Red (93%)

Green (67%)

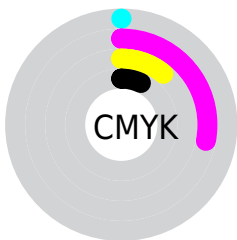
Blue (83%)



Red (93%)

Yellow (67%)

Blue (83%)

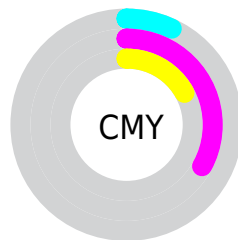


Cyan (0%)

Magenta (28%)

Yellow (11%)

Black (7%)



Cyan (7%)


Magenta (33%)


Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.8335, 0.3375, 0.2856 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 51.8335, 0.3375, 0.2856 by changing the saturation by 10% instead.


 51.8335, 0.3375,
0.2856

 51.8335, 0.3375,
0.2856


393.7935, 0.3257,
0.3061

 36.8724, 0.3403,
0.2808


 92.8856, 0.3333,
0.2928

 25.1087, 0.3438,
0.2748


119.7455, 0.3317,
0.2956

 16.1581, 0.3482,
0.2671


151.3403, 0.3304,
0.2980

 9.6361, 0.3542,
0.2570

188.0545, 0.3292,
0.3000

 5.1583, 0.3625,
0.2428

230.2726, 0.3282,
0.3019

 2.3405, 0.3750,
0.2219

278.3788, 0.3272,

 0.7950, 0.3959,

0.3035

0.1877

332.7577, 0.3264,
0.3049

0.0000, 0.5224,
0.0000

0.0000, 0.0000,
0.0000

51.8335, 0.3375,
0.2856

51.8335, 0.3375,
0.2856

43.2153, 0.3496,
0.2696

62.0891, 0.3272,
0.3017

36.1413, 0.3634,
0.2544

74.0550, 0.3185,
0.3173

30.5194, 0.3791,
0.2409

87.8081, 0.3113,
0.3321

26.2449, 0.3962,
0.2304

96.3301, 0.3054,
0.3355

■ 23.1991, 0.4143,
0.2240

■ 96.7497, 0.3018,
0.3290

■ 21.2420, 0.4326,
0.2226

■ 20.1826, 0.4504,
0.2264

■ 20.0110, 0.4542,
0.2276

Harmonies

Analogous

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



51.8335, 0.2936, 0.2653



51.8335, 0.3375, 0.2856



51.8335, 0.3766, 0.3159

Triad

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



51.8335, 0.3375, 0.2856



51.8335, 0.3674, 0.4041



51.8335, 0.2346, 0.2977

Complementary

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



51.8335, 0.3375, 0.2856



73.2750, 0.2941, 0.3769

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.



51.8335, 0.2515, 0.3381



51.8335, 0.3375, 0.2856



51.8335, 0.3272, 0.4040

Square

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



51.8335, 0.3375, 0.2856



51.8335, 0.3938, 0.3831



51.8335, 0.2849, 0.3791



51.8335, 0.2368, 0.2700

Rectangle

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



51.8335, 0.3375, 0.2856



51.8335, 0.3933, 0.3390



51.8335, 0.2849, 0.3791



51.8335, 0.2382, 0.3102

Sweetspot

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



51.8358, 0.3375, 0.2856



87.1607, 0.3187, 0.3170



47.0162, 0.2831, 0.2526



18.1720, 0.3199, 0.3147



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.



51.8358, 0.3375, 0.2856



55.5940, 0.3436, 0.2771



50.3751, 0.3665, 0.3205



15.2074, 0.3198, 0.3148



10.9487, 0.4514, 0.2260



0.8786, 0.4284, 0.2134

Inverse Universe

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



51.8358, 0.3375, 0.2856



55.5940, 0.3436, 0.2771



74.9181, 0.2763, 0.3378



15.2074, 0.3198, 0.3148



10.9487, 0.4514, 0.2260



0.8786, 0.4284, 0.2134

Previews

White Background



This preview shows how the Yxy color 51.8335, 0.3375, 0.2856 looks on a white background.

Color Contrast Check

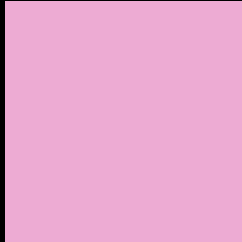
Large Text (above 18pt) WCAG AA × Fail

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 51.8335, 0.3375, 0.2856 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 51.8335, 0.3375, 0.2856

Background



This preview shows how black text looks on a background with the Yxy color 51.8335, 0.3375, 0.2856.



This preview shows how white text looks on a background with the Yxy color 51.8335, 0.3375, 0.2856.

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

51.8335, 0.3375, 0.2856

Protanopia

52.0372, 0.2851, 0.2880

Deuteranopia

52.2284, 0.3090, 0.3028



Tritanopia

51.7832, 0.3544, 0.3146

Trichromacy



Original Color

51.8335, 0.3375, 0.2856



Protanomaly

51.4077, 0.3025, 0.2858



Deuteranomaly

52.0983, 0.3193, 0.2967



Tritanomaly

51.9198, 0.3484, 0.3047

Monochromacy



Original Color

51.8335, 0.3375, 0.2856



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

53.0365, 0.3210, 0.3114

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8335, 0.3375, 0.2856 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, 171, 211)` looks like.

```
.text, #text, p{  
    color:rgb(237, 171, 211)  
}
```

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, 171, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 171, 211) }
```

Border

The CSS property to change the border of an element to Yxy 51.8335, 0.3375, 0.2856 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, 171, 211) }
```

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

```
.border{ border-color:rgb(237, 171, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 171, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 171, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 171, 211);  
box-shadow:4px 4px 4px 4px rgb(237, 171,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8335, 0.3375, 0.2856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 171, 211) }
```

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

```
.background{ background-color: rgb(237,  
171, 211) }
```

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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