

Converting Colors

Yxy(51.7319, 0.3483, 0.2971)

Have a look what the booklet for
Yxy(51.7319, 0.3483, 0.2971)
contains.

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Color

Yxy(51.6936, 0.3480, 0.2964)

Conversions

Conversions Part 1

Format	Color
Hex	EFABC9
RGB	239, 171, 201
RGB Percent	94%, 67%, 79%
CMY	0.0628, 0.3293, 0.2119
CMYK	0.00, 0.28, 0.16, 0.06
HSL	334°, 68%, 80%
HSV	334°, 28%, 94%
XYZ	60.6929, 51.6936, 62.0184
YIQ	194.7520, 30.8980, 23.7460

Conversions

Conversions Part 2

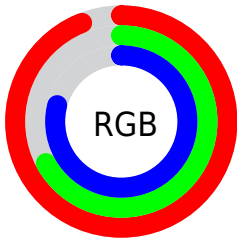
Format	Color
R _Y B	239, 171, 201
Decimal	15707081
CIE Lab	77.10, 29.28, -5.27
CIE LCh	77, 29.753, 349.789
Yxy	51.6936, 0.3480, 0.2964
Android (android.graphics.Color)	4293897161 (0xFFEFABC9)
YUV	194.7520, 3.0803, 38.8055
Hunter-Lab	71.8983, 24.8588, -0.8139

Details

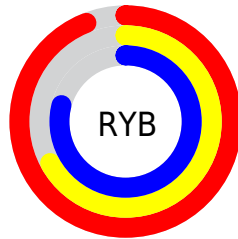
The Yxy color **51.6936, 0.3480, 0.2964** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **74.9837, 0.2874, 0.3643**, and the grayscale version is **54.3859, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4182, 0.3140, 0.3019**, and **25.0085, 0.3574, 0.2880** is the 20% darker color. If you saturate the color by 10%, you get **42.8662, 0.3655, 0.2845**, and if you desaturate by 10%, it is **62.2125, 0.3334, 0.3083**.

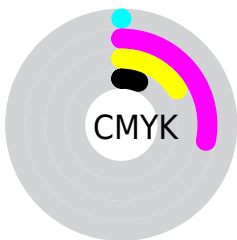
Distribution



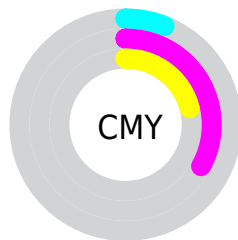
- Red (94%)
- Green (67%)
- Blue (79%)



- Red (94%)
- Yellow (67%)
- Blue (79%)



- Cyan (0%)
- Magenta (28%)
- Yellow (16%)
- Black (6%)




- Cyan (6%)
- Magenta (33%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.6936, 0.3480, 0.2964 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 51.6936, 0.3480, 0.2964 by changing the saturation by 10% instead.

 51.6936, 0.3480,
0.2964

 51.6936, 0.3480,
0.2964


393.2526, 0.3309,
0.3121

 36.7609, 0.3521,
0.2927

 92.6792, 0.3419,
0.3019

 25.0224, 0.3574,
0.2880


119.5009, 0.3395,
0.3041

 16.0938, 0.3642,
0.2820


151.0544, 0.3376,
0.3059

 9.5905, 0.3735,
0.2738

187.7241, 0.3359,
0.3075

 5.1283, 0.3868,
0.2623

229.8944, 0.3344,
0.3088

 2.3227, 0.4075,
0.2449

277.9496, 0.3330,

 0.7857, 0.4443,

0.3100

0.2147

332.2742, 0.3319,
0.3111

0.0000, 0.9560,
0.0000

0.0000, 0.0000,
0.0000

51.6936, 0.3480,
0.2964

51.6936, 0.3480,
0.2964

42.8662, 0.3655,
0.2845

62.2125, 0.3334,
0.3083

35.6339, 0.3863,
0.2733

74.4986, 0.3212,
0.3198

29.9013, 0.4101,
0.2637

88.6314, 0.3113,
0.3306

25.5599, 0.4368,
0.2570

97.0499, 0.3032,
0.3295

■ 22.4862, 0.4652,
0.2544

■ 97.0864, 0.3029,
0.3290

■ 20.5348, 0.4937,
0.2571

■ 19.4979, 0.5206,
0.2650

■ 19.3730, 0.5248,
0.2665

Harmonies

Analogous

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



51.6936, 0.3072, 0.2740



51.6936, 0.3480, 0.2964



51.6936, 0.3803, 0.3268

Triad

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



51.6936, 0.3480, 0.2964



51.6936, 0.3532, 0.4011



51.6936, 0.2385, 0.2907

Complementary

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



51.6936, 0.3480, 0.2964



74.9837, 0.2874, 0.3643

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.



51.6936, 0.2491, 0.3255



51.6936, 0.3480, 0.2964



51.6936, 0.3141, 0.3936

Square

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



51.6936, 0.3480, 0.2964



51.6936, 0.3826, 0.3871



51.6936, 0.2761, 0.3647



51.6936, 0.2460, 0.2693

Rectangle

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



51.6936, 0.3480, 0.2964



51.6936, 0.3914, 0.3487



51.6936, 0.2761, 0.3647



51.6936, 0.2400, 0.3011

Sweetspot

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



51.6960, 0.3480, 0.2964



85.4221, 0.3219, 0.3191



48.8318, 0.2912, 0.2528



17.8148, 0.3235, 0.3175



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.



51.6960, 0.3480, 0.2964



53.8573, 0.3576, 0.2896



51.7218, 0.3744, 0.3330



15.8746, 0.3224, 0.3186



10.7339, 0.5209, 0.2643



0.9126, 0.4880, 0.2462

Inverse Universe

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



51.6960, 0.3480, 0.2964



53.8573, 0.3576, 0.2896



74.6389, 0.2711, 0.3250



15.8746, 0.3224, 0.3186



10.7339, 0.5209, 0.2643



0.9126, 0.4880, 0.2462

Previews

White Background



This preview shows how the Yxy color 51.6936, 0.3480, 0.2964 looks on a white background.

Color Contrast Check

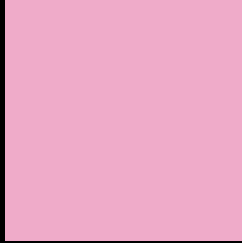
Large Text (above 18pt) WCAG AA × Fail

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 51.6936, 0.3480, 0.2964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

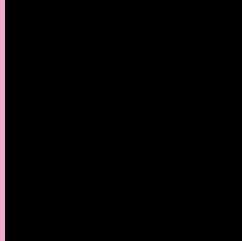
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.6936, 0.3480, 0.2964

Background



This preview shows how black text looks on a background with the Yxy color 51.6936, 0.3480, 0.2964.



This preview shows how white text looks on a background with the Yxy color 51.6936, 0.3480, 0.2964.

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

51.6936, 0.3480, 0.2964

Protanopia

51.8400, 0.2950, 0.3009

Deuteranopia

51.8970, 0.3201, 0.3135



Tritanopia

51.4795, 0.3584, 0.3136

Trichromacy



Original Color

51.6936, 0.3480, 0.2964

Protanomaly

51.2754, 0.3133, 0.2984

Deuteranomaly

51.6715, 0.3300, 0.3070

Tritanomaly

51.4880, 0.3550, 0.3071

Monochromacy



Original Color

51.6936, 0.3480, 0.2964

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

52.9979, 0.3250, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6936, 0.3480, 0.2964 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(239, 171, 201)` looks like.

```
.text, #text, p{  
    color:rgb(239, 171, 201)  
}
```

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(239, 171, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 171, 201) }
```

Border

The CSS property to change the border of an element to Yxy 51.6936, 0.3480, 0.2964 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(239, 171, 201) }
```

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

```
.border{ border-color:rgb(239, 171, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 171, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 171, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 171, 201);  
box-shadow:4px 4px 4px 4px rgb(239, 171,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6936, 0.3480, 0.2964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 171, 201) }
```

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

```
.background{ background-color: rgb(239,  
171, 201) }
```

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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