

Converting Colors

$Yxy(42.6857, 0.3829, 0.3206)$

Have a look what the booklet for
Yxy(42.6857, 0.3829, 0.3206)
contains.

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Color

Yxy(42.6733, 0.3834, 0.3211)

Conversions

Conversions Part 1

Format	Color
Hex	E79AA1
RGB	231, 154, 161
RGB Percent	91%, 60%, 63%
CMY	0.0940, 0.3961, 0.3686
CMYK	0.00, 0.33, 0.30, 0.09
HSL	355°, 62%, 75%
HSV	355°, 33%, 91%
XYZ	50.9528, 42.6733, 39.2711
YIQ	177.8210, 43.6450, 18.5010

Conversions

Conversions Part 2

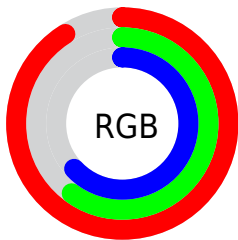
Format	Color
R _Y B	231, 154, 161
Decimal	15178401
CIE Lab	71.33, 29.74, 8.21
CIE LCh	71, 30.853, 15.431
Yxy	42.6733, 0.3834, 0.3211
Android (android.graphics.Color)	4293368481 (0xFFE79AA1)
YUV	177.8210, -8.2928, 46.6380
Hunter-Lab	65.3248, 24.9101, 10.0842

Details

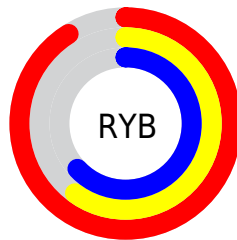
The Yxy color **42.6733, 0.3834, 0.3211** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **69.4244, 0.2690, 0.3373**, and the grayscale version is **44.4500, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.8188, 0.3427, 0.3220**, and **19.6272, 0.4044, 0.3172** is the 20% darker color. If you saturate the color by 10%, you get **35.0899, 0.4161, 0.3188**, and if you desaturate by 10%, it is **51.8527, 0.3566, 0.3236**.

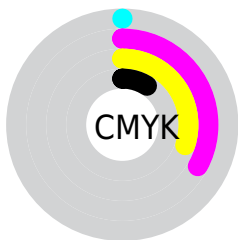
Distribution



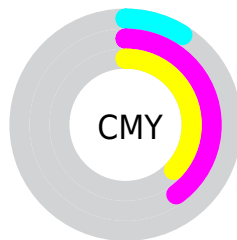
- Red (91%)
- Green (60%)
- Blue (63%)



- Red (91%)
- Yellow (60%)
- Blue (63%)



- Cyan (0%)
- Magenta (33%)
- Yellow (30%)
- Black (9%)




- Cyan (9%)
- Magenta (40%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.6733, 0.3834, 0.3211 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 42.6733, 0.3834, 0.3211 by changing the saturation by 10% instead.


 42.6733, 0.3834,
0.3211


 42.6733, 0.3834,
0.3211


357.2665, 0.3472,
0.3258

 29.6289, 0.3927,
0.3197


 79.2176, 0.3701,
0.3230

 19.5571, 0.4047,
0.3177


 103.4863, 0.3651,
0.3236

 12.0735, 0.4208,
0.3149


132.2652, 0.3610,
0.3242

 6.7937, 0.4437,
0.3104

165.9387, 0.3574,
0.3246

 3.3334, 0.4785,
0.3027

204.8912, 0.3544,
0.3250

 1.3082, 0.5377,
0.2880

249.5070, 0.3517,

 0.1475, 0.8545,

0.3253

0.1455

300.1707, 0.3493,
0.3256

0.0000, 0.0000,
0.0000

42.6733, 0.3834,
0.3211

42.6733, 0.3834,
0.3211

35.0899, 0.4161,
0.3188

51.8527, 0.3566,
0.3236

29.0058, 0.4550,
0.3170

62.7057, 0.3350,
0.3260

24.3231, 0.4990,
0.3161

75.3118, 0.3177,
0.3283

20.9299, 0.5447,
0.3166

89.7440, 0.3038,
0.3304

18.6971, 0.5866,
0.3189

95.7352, 0.2982,
0.3290

■ 17.4686, 0.6181,
0.3228

■ 17.0495, 0.6316,
0.3253

Harmonies

Analogous

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



42.6733, 0.3453, 0.2889



42.6733, 0.3834, 0.3211



42.6733, 0.4011, 0.3568

Triad

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



42.6733, 0.3834, 0.3211



42.6733, 0.3204, 0.4037



42.6733, 0.2371, 0.2655

Complementary

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



42.6733, 0.3834, 0.3211



69.4244, 0.2690, 0.3373

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.



42.6733, 0.2317, 0.2912



42.6733, 0.3834, 0.3211



42.6733, 0.2777, 0.3744

Square

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



42.6733, 0.3834, 0.3211



42.6733, 0.3628, 0.4078



42.6733, 0.2459, 0.3312



42.6733, 0.2611, 0.2575

Rectangle

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



42.6733, 0.3834, 0.3211



42.6733, 0.3985, 0.3791



42.6733, 0.2459, 0.3312



42.6733, 0.2331, 0.2721

Sweetspot

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



42.6753, 0.3834, 0.3211



83.3918, 0.3289, 0.3268



44.6193, 0.3099, 0.2446



17.3887, 0.3315, 0.3264



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.



42.6753, 0.3834, 0.3211



46.6614, 0.4052, 0.3195



53.9450, 0.3789, 0.3643



14.3892, 0.3278, 0.3269



9.5624, 0.6295, 0.3241



0.7140, 0.6040, 0.3101

Inverse Universe

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



42.6753, 0.3834, 0.3211



46.6614, 0.4052, 0.3195



54.0496, 0.2605, 0.2906



14.3892, 0.3278, 0.3269



9.5624, 0.6295, 0.3241



0.7140, 0.6040, 0.3101

Previews

White Background



This preview shows how the Yxy color 42.6733, 0.3834, 0.3211 looks on a white background.

Color Contrast Check

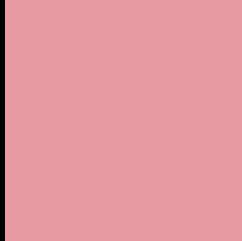
Large Text (above 18pt) WCAG AA × Fail

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 42.6733, 0.3834, 0.3211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

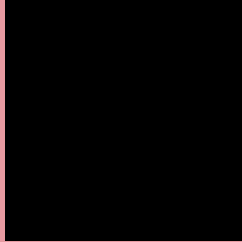
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.6733, 0.3834, 0.3211

Background



This preview shows how black text looks on a background with the Yxy color 42.6733, 0.3834, 0.3211.



This preview shows how white text looks on a background with the Yxy color 42.6733, 0.3834, 0.3211.

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

42.6733, 0.3834, 0.3211

Protanopia

42.8344, 0.3188, 0.3317

Deuteranopia

42.8503, 0.3497, 0.3433



Tritanopia

42.4880, 0.3796, 0.3154

Trichromacy



Original Color

42.6733, 0.3834, 0.3211

Protanomaly

42.4704, 0.3410, 0.3278

Deuteranomaly

42.7558, 0.3617, 0.3354

Tritanomaly

42.4517, 0.3806, 0.3165

Monochromacy



Original Color

42.6733, 0.3834, 0.3211

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.2248, 0.3360, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6733, 0.3834, 0.3211 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(231, 154, 161)` looks like.

```
.text, #text, p{  
    color:rgb(231, 154, 161)  
}
```

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(231, 154, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 154, 161) }
```

Border

The CSS property to change the border of an element to Yxy 42.6733, 0.3834, 0.3211 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(231, 154, 161) }
```

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

```
.border{ border-color:rgb(231, 154, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 154, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 154, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 154, 161);  
box-shadow:4px 4px 4px 4px rgb(231, 154,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6733, 0.3834, 0.3211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 154, 161) }
```

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

```
.background{ background-color: rgb(231,  
154, 161) }
```

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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