

Converting Colors

$Yxy(33.7372, 0.4049, 0.2900)$

Have a look what the booklet for
Yxy(33.7372, 0.4049, 0.2900)
contains.

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Color

Yxy(33.7372, 0.4049, 0.2900)

Conversions

Conversions Part 1

Format	Color
Hex	EB799C
RGB	235, 121, 156
RGB Percent	92%, 47%, 61%
CMY	0.0784, 0.5255, 0.3881
CMYK	0.00, 0.49, 0.34, 0.08
HSL	342°, 74%, 70%
HSV	342°, 49%, 92%
XYZ	47.1041, 33.7372, 35.4939
YIQ	159.0760, 56.7090, 35.0530

Conversions

Conversions Part 2

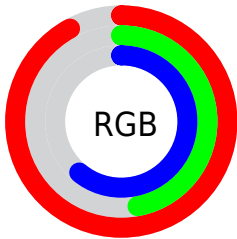
Format	Color
RYB	235, 121, 156
Decimal	15432092
CIELab	64.75, 47.60, 1.58
CIElCh	65, 47.631, 1.907
Yxy	33.7372, 0.4049, 0.2900
Android (android.graphics.Color)	4293622172 (0xFFEB799C)
YUV	159.0760, -1.5165, 66.5853
Hunter-Lab	58.0837, 43.1114, 4.4276

Details

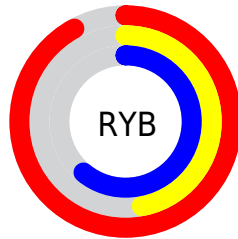
The Yxy color **33.7372, 0.4049, 0.2900** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **67.6578, 0.2655, 0.3741**, and the grayscale version is **34.6961, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.9638, 0.3531, 0.2940**, and **14.3843, 0.4343, 0.2774** is the 20% darker color. If you saturate the color by 10%, you get **28.1911, 0.4358, 0.2837**, and if you desaturate by 10%, it is **40.7517, 0.3784, 0.2978**.

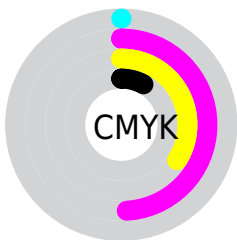
Distribution



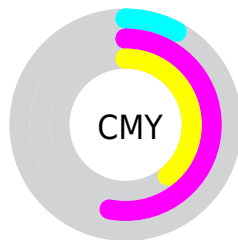
- Red (92%)
- Green (47%)
- Blue (61%)



- Red (92%)
- Yellow (47%)
- Blue (61%)



- Cyan (0%)
- Magenta (49%)
- Yellow (34%)
- Black (8%)



- Cyan (8%)
- Magenta (53%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.7372, 0.4049, 0.2900 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 33.7372, 0.4049, 0.2900 by changing the saturation by 10% instead.


 33.7372, 0.4049,
0.2900


 33.7372, 0.4049,
0.2900

318.9586, 0.3564,
0.3107

 22.6918, 0.4178,
0.2844


 65.5248, 0.3867,
0.2978

 14.3661, 0.4347,
0.2771


 87.0357, 0.3801,
0.3007

 8.3757, 0.4580,
0.2669


 112.8040, 0.3745,
0.3030

 4.3363, 0.4918,
0.2520

143.2140, 0.3698,
0.3050

 1.8634, 0.5448,
0.2283

178.6500, 0.3657,
0.3068

 0.5262, 0.6645,
0.1786

219.4965, 0.3622,

 0.0000, 1.0000,

0.3083

0.0000

266.1380, 0.3591,
0.3096

■ 0.0000, 0.0000,
0.0000

■ 33.7372, 0.4049,
0.2900

■ 33.7372, 0.4049,
0.2900

■ 28.1911, 0.4358,
0.2837

■ 40.7517, 0.3784,
0.2978

■ 24.0026, 0.4703,
0.2800

■ 49.3246, 0.3563,
0.3061

■ 21.0532, 0.5068,
0.2801

■ 59.5449, 0.3380,
0.3145

■ 19.2015, 0.5422,
0.2849

■ 71.4932, 0.3232,
0.3225

■ 18.2430, 0.5732,
0.2941

■ 85.2448, 0.3111,
0.3301

■ 18.1351, 0.5775,
0.2955

■ 96.3215, 0.3013,
0.3302

■ 96.4044, 0.3005,
0.3290

Harmonies

Analogous

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



33.7372, 0.3310, 0.2474



33.7372, 0.4049, 0.2900



33.7372, 0.4526, 0.3424

Triad

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



33.7372, 0.4049, 0.2900



33.7372, 0.3533, 0.4656



33.7372, 0.1862, 0.2392

Complementary

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



33.7372, 0.4049, 0.2900



67.6578, 0.2655, 0.3741

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.



33.7372, 0.1903, 0.2899



33.7372, 0.4049, 0.2900



33.7372, 0.2823, 0.4369

Square

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



33.7372, 0.4049, 0.2900



33.7372, 0.4171, 0.4449



33.7372, 0.2233, 0.3653



33.7372, 0.2097, 0.2176

Rectangle

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



33.7372, 0.4049, 0.2900



33.7372, 0.4596, 0.3792



33.7372, 0.2233, 0.3653



33.7372, 0.1844, 0.2528

Sweetspot

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



33.7389, 0.4049, 0.2900



76.3863, 0.3326, 0.3173



31.8016, 0.2844, 0.1994



15.7232, 0.3359, 0.3156



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.



33.7389, 0.4049, 0.2900



34.0811, 0.4349, 0.2838



38.3602, 0.4357, 0.3528



15.1303, 0.3245, 0.3218



10.1117, 0.5733, 0.2932



0.8107, 0.5340, 0.2715

Inverse Universe

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



33.7389, 0.4049, 0.2900



34.0811, 0.4349, 0.2838



58.2121, 0.2439, 0.3023



15.1303, 0.3245, 0.3218



10.1117, 0.5733, 0.2932



0.8107, 0.5340, 0.2715

Previews

White Background



This preview shows how the Yxy color 33.7372, 0.4049, 0.2900 looks on a white background.

Color Contrast Check

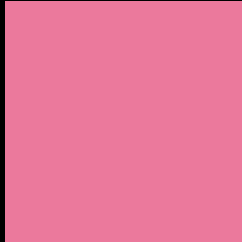
Large Text (above 18pt) WCAG AA × Fail

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 33.7372, 0.4049, 0.2900 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 33.7372, 0.4049, 0.2900

Background



This preview shows how black text looks on a background with the Yxy color 33.7372, 0.4049, 0.2900.



This preview shows how white text looks on a background with the Yxy color 33.7372, 0.4049, 0.2900.

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

33.7372, 0.4049, 0.2900

Protanopia

33.9198, 0.2934, 0.2985

Deuteranopia

33.8048, 0.3372, 0.3305



Tritanopia

33.7121, 0.4283, 0.3192

Trichromacy



Original Color

33.7372, 0.4049, 0.2900



Protanomaly

32.6998, 0.3300, 0.2936



Deuteranomaly

33.2200, 0.3612, 0.3132



Tritanomaly

33.8607, 0.4200, 0.3090

Monochromacy



Original Color

33.7372, 0.4049, 0.2900



Achromatopsia

34.6704, 0.3127, 0.3290



Achromatomaly

33.2842, 0.3441, 0.3113

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.7372, 0.4049, 0.2900 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(235, 121, 156)` looks like.

```
.text, #text, p{  
    color:rgb(235, 121, 156)  
}
```

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(235, 121, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 121, 156) }
```

Border

The CSS property to change the border of an element to Yxy 33.7372, 0.4049, 0.2900 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(235, 121, 156) }
```

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

```
.border{ border-color:rgb(235, 121, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 121, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 121, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 121, 156);  
box-shadow:4px 4px 4px 4px rgb(235, 121,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 33.7372, 0.4049, 0.2900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 121, 156) }
```

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

```
.background{ background-color: rgb(235,  
121, 156) }
```

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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