

Converting Colors

$Y_{xy}(34.2094, 0.3836, 0.2705)$

Have a look what the booklet for
Yxy(34.2094, 0.3836, 0.2705)
contains.

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Color

Yxy(34.3540, 0.3842, 0.2714)

Conversions

Conversions Part 1

Format	Color
Hex	EB79AD
RGB	235, 121, 173
RGB Percent	92%, 47%, 68%
CMY	0.0786, 0.5254, 0.3216
CMYK	0.00, 0.48, 0.26, 0.08
HSL	333°, 74%, 70%
HSV	333°, 48%, 92%
XYZ	48.6323, 34.3540, 43.5944
YIQ	161.0140, 51.2520, 40.3400

Conversions

Conversions Part 2

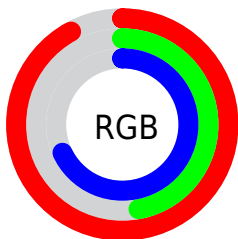
Format	Color
RYB	235, 121, 173
Decimal	15432109
CIELab	65.24, 49.73, -7.33
CIElCh	65, 50.267, 351.610
Yxy	34.3540, 0.3842, 0.2714
Android (android.graphics.Color)	4293622189 (0xFFEB79AD)
YUV	161.0140, 5.9091, 64.8857
Hunter-Lab	58.6123, 45.5351, -3.0699

Details

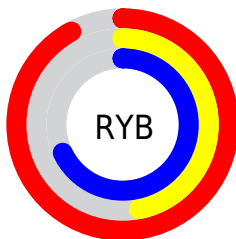
The Yxy color **34.3540, 0.3842, 0.2714** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **66.8860, 0.2741, 0.3974**, and the grayscale version is **35.6044, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.9121, 0.3378, 0.2764**, and **14.7419, 0.4066, 0.2541** is the 20% darker color. If you saturate the color by 10%, you get **28.8504, 0.4073, 0.2615**, and if you desaturate by 10%, it is **41.2990, 0.3641, 0.2830**.

Distribution



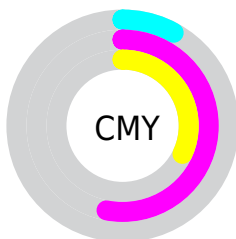
- Red (92%)
- Green (47%)
- Blue (68%)



- Red (92%)
- Yellow (47%)
- Blue (68%)



- Cyan (0%)
- Magenta (48%)
- Yellow (26%)
- Black (8%)




- Cyan (8%)
- Magenta (53%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3540, 0.3842, 0.2714 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 34.3540, 0.3842, 0.2714 by changing the saturation by 10% instead.


 34.3540, 0.3842,
0.2714


 34.3540, 0.3842,
0.2714


321.7077, 0.3473,
0.3005


 23.1657, 0.3937,
0.2641


 66.4838, 0.3705,
0.2820

 14.7159, 0.4062,
0.2546


 88.1941, 0.3655,
0.2860

 8.6202, 0.4231,
0.2421


 114.1804, 0.3612,
0.2894

 4.4943, 0.4473,
0.2245

144.8273, 0.3576,
0.2922

 1.9537, 0.4844,
0.1985

180.5191, 0.3545,
0.2947

 0.5804, 0.5526,
0.1495

221.6401, 0.3518,

 0.0000, 1.0000,

0.2969

0.0000

268.5748, 0.3494,
0.2988

0.0000, 0.0000,
0.0000

34.3540, 0.3842,
0.2714

34.3540, 0.3842,
0.2714

28.8504, 0.4073,
0.2615

41.2990, 0.3641,
0.2830

24.6792, 0.4330,
0.2544

49.7740, 0.3471,
0.2953

21.7236, 0.4604,
0.2515


59.8663, 0.3329,
0.3076

19.8443, 0.4880,
0.2538


71.6554, 0.3211,
0.3194

18.8396, 0.5142,
0.2614

85.2151, 0.3114,
0.3306

 18.7215, 0.5181,
0.2628

 96.0592, 0.3035,
0.3342

 96.3970, 0.3005,
0.3290

Harmonies

Analogous

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



34.3540, 0.3044, 0.2326



34.3540, 0.3842, 0.2714



34.3540, 0.4471, 0.3230

Triad

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



34.3540, 0.3842, 0.2714



34.3540, 0.3792, 0.4695



34.3540, 0.1792, 0.2495

Complementary

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



34.3540, 0.3842, 0.2714



66.8860, 0.2741, 0.3974

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.



34.3540, 0.1934, 0.3126



34.3540, 0.3842, 0.2714



34.3540, 0.3054, 0.4597

Square

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



34.3540, 0.3842, 0.2714



34.3540, 0.4391, 0.4341



34.3540, 0.2376, 0.3957



34.3540, 0.1939, 0.2173

Rectangle

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



34.3540, 0.3842, 0.2714



34.3540, 0.4656, 0.3608



34.3540, 0.2376, 0.3957



34.3540, 0.1806, 0.2671

Sweetspot

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



34.3557, 0.3842, 0.2714



76.7084, 0.3286, 0.3117



29.5991, 0.2688, 0.1937



15.8004, 0.3312, 0.3091



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.



34.3557, 0.3842, 0.2714



34.8733, 0.4067, 0.2617



33.6621, 0.4461, 0.3336



15.1683, 0.3221, 0.3183



10.4475, 0.5142, 0.2606



0.8396, 0.4806, 0.2421

Inverse Universe

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



34.3557, 0.3842, 0.2714



34.8733, 0.4067, 0.2617



67.3116, 0.2480, 0.3241



15.1683, 0.3221, 0.3183



10.4475, 0.5142, 0.2606



0.8396, 0.4806, 0.2421

Previews

White Background



This preview shows how the Yxy color 34.3540, 0.3842, 0.2714 looks on a white background.

Color Contrast Check

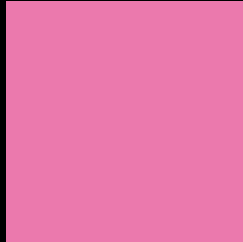
Large Text (above 18pt) WCAG AA × Fail

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 34.3540, 0.3842, 0.2714 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 34.3540, 0.3842, 0.2714

Background



This preview shows how black text looks on a background with the Yxy color 34.3540, 0.3842, 0.2714.



This preview shows how white text looks on a background with the Yxy color 34.3540, 0.3842, 0.2714.

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

34.3540, 0.3842, 0.2714

Protanopia

34.6292, 0.2733, 0.2726

Deuteranopia

34.4473, 0.3165, 0.3106



Tritanopia

34.4003, 0.4221, 0.3190

Trichromacy



Original Color

34.3540, 0.3842, 0.2714



Protanomaly

33.4011, 0.3085, 0.2704



Deuteranomaly

33.6799, 0.3406, 0.2935



Tritanomaly

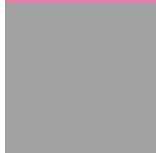
34.1929, 0.4087, 0.3009

Monochromacy



Original Color

34.3540, 0.3842, 0.2714



Achromatopsia

35.6400, 0.3127, 0.3290



Achromatomaly

33.9657, 0.3378, 0.3034

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3540, 0.3842, 0.2714 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(235, 121, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 121, 173) }
```

Border

The CSS property to change the border of an element to Yxy 34.3540, 0.3842, 0.2714 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, 173) }
```

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

```
.border{ border-color:rgb(235, 121, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 121, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 121, 173);  
box-shadow:4px 4px 4px 4px rgb(235, 121,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3540, 0.3842, 0.2714 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, 173) }
```

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

```
.background{ background-color: rgb(235,  
121, 173) }
```

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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