

Converting Colors

$Y_{xy}(34.9185, 0.3721, 0.2550)$

Have a look what the booklet for
Yxy(34.9185, 0.3721, 0.2550)
contains.

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Color

Yxy(34.8954, 0.3726, 0.2547)

Conversions

Conversions Part 1

Format	Color
Hex	EF76BB
RGB	239, 118, 187
RGB Percent	94%, 46%, 73%
CMY	0.0627, 0.5373, 0.2666
CMYK	0.00, 0.51, 0.22, 0.06
HSL	326°, 79%, 70%
HSV	326°, 51%, 94%
XYZ	51.0484, 34.8954, 51.0621
YIQ	162.0450, 49.9670, 47.1110

Conversions

Conversions Part 2

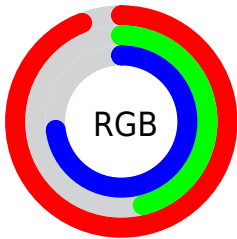
Format	Color
R _Y B	239, 118, 187
Decimal	15693499
CIE Lab	65.67, 54.42, -14.58
CIE LCh	66, 56.335, 345.001
Yxy	34.8954, 0.3726, 0.2547
Android (android.graphics.Color)	4293883579 (0xFFEF76BB)
YUV	162.0450, 12.3028, 67.4895
Hunter-Lab	59.0723, 50.8773, -9.8996

Details

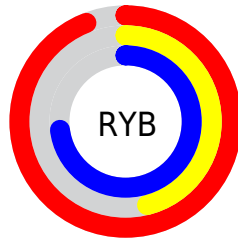
The Yxy color **34.8954, 0.3726, 0.2547** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **68.4945, 0.2798, 0.4204**, and the grayscale version is **36.0777, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.0032, 0.3258, 0.2604**, and **14.9795, 0.3890, 0.2340** is the 20% darker color. If you saturate the color by 10%, you get **29.5391, 0.3904, 0.2427**, and if you desaturate by 10%, it is **41.7125, 0.3567, 0.2688**.

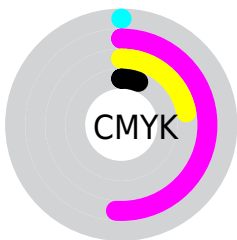
Distribution



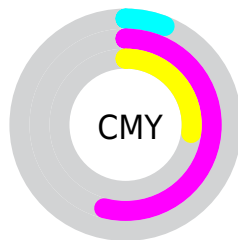
- Red (94%)
- Green (46%)
- Blue (73%)



- Red (94%)
- Yellow (46%)
- Blue (73%)



- Cyan (0%)
- Magenta (51%)
- Yellow (22%)
- Black (6%)



- Cyan (6%)
- Magenta (54%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8954, 0.3726, 0.2547 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 34.8954, 0.3726, 0.2547 by changing the saturation by 10% instead.


 34.8954, 0.3726,
0.2547


 34.8954, 0.3726,
0.2547


324.1064, 0.3425,
0.2912

 23.5823, 0.3801,
0.2458


 67.3237, 0.3616,
0.2678

 15.0241, 0.3898,
0.2346


 89.2077, 0.3575,
0.2728

 8.8363, 0.4027,
0.2199


 115.3841, 0.3540,
0.2770

 4.6345, 0.4207,
0.2001

146.2373, 0.3511,
0.2806

 2.0345, 0.4472,
0.1720

182.1518, 0.3485,
0.2838

 0.6274, 0.4921,
0.1257

223.5119, 0.3462,


 0.0000, 0.6372,


0.2866


0.0000


270.7019, 0.3442,
0.2890


 0.0000, 0.0000,
0.0000


 34.8954, 0.3726,
0.2547

 34.8954, 0.3726,
0.2547


 29.5391, 0.3904,
0.2427


 41.7125, 0.3567,
0.2688


 25.5278, 0.4099,
0.2339


 50.0842, 0.3430,
0.2838

 22.7367, 0.4303,
0.2296


 60.1027, 0.3313,
0.2990

 21.0148, 0.4507,
0.2306

 71.8512, 0.3214,
0.3139

 20.1391, 0.4692,
0.2359

 85.4073, 0.3132,
0.3281

 96.6899, 0.3065,
0.3352

 97.0930, 0.3029,
0.3290

Harmonies

Analogous

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



34.8954, 0.2844, 0.2169



34.8954, 0.3726, 0.2547



34.8954, 0.4505, 0.3080

Triad

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



34.8954, 0.3726, 0.2547



34.8954, 0.4008, 0.4788



34.8954, 0.1673, 0.2524

Complementary

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



34.8954, 0.3726, 0.2547



68.4945, 0.2798, 0.4204

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.



34.8954, 0.1891, 0.3292



34.8954, 0.3726, 0.2547



34.8954, 0.3211, 0.4844

Square

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



34.8954, 0.3726, 0.2547



34.8954, 0.4617, 0.4301



34.8954, 0.2435, 0.4240



34.8954, 0.1767, 0.2110

Rectangle

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



34.8954, 0.3726, 0.2547



34.8954, 0.4787, 0.3480



34.8954, 0.2435, 0.4240



34.8954, 0.1710, 0.2742

Sweetspot

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



34.8971, 0.3726, 0.2547



76.9631, 0.3256, 0.3074



27.5597, 0.2539, 0.1827



15.8616, 0.3277, 0.3043



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.



34.8971, 0.3726, 0.2547



33.9066, 0.3915, 0.2421



32.8696, 0.4455, 0.3184



15.9099, 0.3204, 0.3156



11.1548, 0.4662, 0.2342



0.9479, 0.4418, 0.2208

Inverse Universe

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



34.8971, 0.3726, 0.2547



33.9066, 0.3915, 0.2421



71.2452, 0.2513, 0.3412



15.9099, 0.3204, 0.3156



11.1548, 0.4662, 0.2342



0.9479, 0.4418, 0.2208

Previews

White Background



This preview shows how the Yxy color 34.8954, 0.3726, 0.2547 looks on a white background.

Color Contrast Check

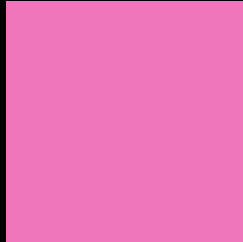
Large Text (above 18pt) WCAG AA × Fail

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 34.8954, 0.3726, 0.2547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

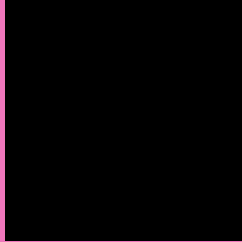
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.8954, 0.3726, 0.2547

Background



This preview shows how black text looks on a background with the Yxy color 34.8954, 0.3726, 0.2547.



This preview shows how white text looks on a background with the Yxy color 34.8954, 0.3726, 0.2547.

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

34.8954, 0.3726, 0.2547

Protanopia

35.2893, 0.2562, 0.2512

Deuteranopia

35.2201, 0.3001, 0.2940



Tritanopia

34.7657, 0.4230, 0.3180

Trichromacy



Original Color

34.8954, 0.3726, 0.2547



Protanomaly

33.6364, 0.2916, 0.2487



Deuteranomaly

34.1024, 0.3254, 0.2760



Tritanomaly

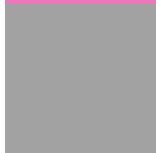
34.6485, 0.4048, 0.2935

Monochromacy



Original Color

34.8954, 0.3726, 0.2547



Achromatopsia

36.1307, 0.3127, 0.3290



Achromatomaly

34.4452, 0.3338, 0.2958

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8954, 0.3726, 0.2547 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, 118, 187)` looks like.

```
.text, #text, p{  
    color:rgb(239, 118, 187)  
}
```

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, 118, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 118, 187) }
```

Border

The CSS property to change the border of an element to Yxy 34.8954, 0.3726, 0.2547 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, 118, 187) }
```

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

```
.border{ border-color:rgb(239, 118, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 118, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 118, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 118, 187);  
box-shadow:4px 4px 4px 4px rgb(239, 118,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8954, 0.3726, 0.2547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 118, 187) }
```

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

```
.background{ background-color: rgb(239,  
118, 187) }
```

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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