

Converting Colors

$Y_{xy}(34.5957, 0.4040, 0.2883)$

Have a look what the booklet for
Yxy(34.5957, 0.4040, 0.2883)
contains.

Yxy(34.5994, 0.4040, 0.2883)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.5994, 0.4040, 0.2883)

Conversions

Conversions Part 1

Format	Color
Hex	EE7A9F
RGB	238, 122, 159
RGB Percent	93%, 48%, 62%
CMY	0.0666, 0.5216, 0.3764
CMYK	0.00, 0.49, 0.33, 0.07
HSL	341°, 77%, 71%
HSV	341°, 49%, 93%
XYZ	48.4848, 34.5994, 36.9276
YIQ	160.9020, 57.2590, 36.0990

Conversions

Conversions Part 2

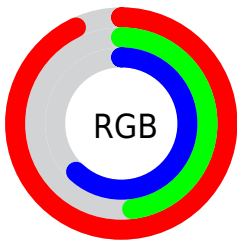
Format	Color
R_{YB}	238, 122, 159
Decimal	15628959
CIE _{Lab}	65.44, 48.49, 0.93
CIE _{LCh}	65, 48.502, 1.101
Yxy	34.5994, 0.4040, 0.2883
Android (android.graphics.Color)	4293819039 (0xFFEE7A9F)
YUV	160.9020, -0.9377, 67.6149
Hunter-Lab	58.8213, 44.1955, 3.9530

Details

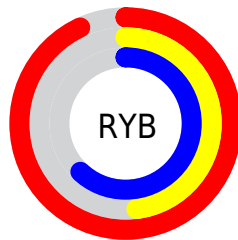
The Yxy color **34.5994, 0.4040, 0.2883** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **69.5188, 0.2660, 0.3763**, and the grayscale version is **35.5771, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.5593, 0.3494, 0.2911**, and **14.9227, 0.4324, 0.2754** is the 20% darker color. If you saturate the color by 10%, you get **28.9288, 0.4344, 0.2818**, and if you desaturate by 10%, it is **41.7784, 0.3779, 0.2963**.

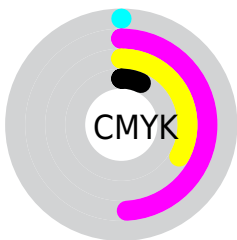
Distribution



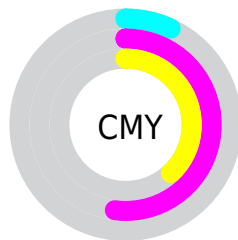
- Red (93%)
- Green (48%)
- Blue (62%)



- Red (93%)
- Yellow (48%)
- Blue (62%)



- Cyan (0%)
- Magenta (49%)
- Yellow (33%)
- Black (7%)



- Cyan (7%)
- Magenta (52%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5994, 0.4040, 0.2883 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 34.5994, 0.4040, 0.2883 by changing the saturation by 10% instead.


 34.5994, 0.4040,
0.2883


 34.5994, 0.4040,
0.2883


322.7966, 0.3562,
0.3097


 23.3545, 0.4166,
0.2826


 66.8647, 0.3861,
0.2963

 14.8555, 0.4331,
0.2751


 88.6539, 0.3796,
0.2993

 8.7180, 0.4557,
0.2649


 114.7265, 0.3741,
0.3017

 4.5577, 0.4884,
0.2500

145.4671, 0.3694,
0.3038

 1.9902, 0.5392,
0.2266

181.2600, 0.3654,
0.3056

 0.6018, 0.6408,
0.1813

222.4896, 0.3620,

 0.0000, 1.0000,

0.3072

0.0000

269.5403, 0.3589,
0.3085

0.0000, 0.0000,
0.0000

34.5994, 0.4040,
0.2883

34.5994, 0.4040,
0.2883

28.9288, 0.4344,
0.2818

41.7784, 0.3779,
0.2963

24.6521, 0.4684,
0.2779

50.5589, 0.3560,
0.3050

21.6470, 0.5042,
0.2779


61.0326, 0.3380,
0.3137


19.7668, 0.5390,
0.2827

73.2827, 0.3233,
0.3221

18.7960, 0.5698,
0.2920

87.3869, 0.3114,
0.3300

 18.7029, 0.5734,
0.2932

 96.9219, 0.3024,
0.3290

Harmonies

Analogous

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



34.5994, 0.3290, 0.2458



34.5994, 0.4040, 0.2883



34.5994, 0.4532, 0.3409

Triad

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



34.5994, 0.4040, 0.2883



34.5994, 0.3554, 0.4670



34.5994, 0.1849, 0.2393

Complementary

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



34.5994, 0.4040, 0.2883



69.5188, 0.2660, 0.3763

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.



34.5994, 0.1897, 0.2913



34.5994, 0.4040, 0.2883



34.5994, 0.2838, 0.4395

Square

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



34.5994, 0.4040, 0.2883



34.5994, 0.4194, 0.4448



34.5994, 0.2238, 0.3678



34.5994, 0.2078, 0.2169

Rectangle

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



34.5994, 0.4040, 0.2883



34.5994, 0.4611, 0.3780



34.5994, 0.2238, 0.3678



34.5994, 0.1834, 0.2533

Sweetspot

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



34.6011, 0.4040, 0.2883



76.4115, 0.3323, 0.3169



32.2800, 0.2824, 0.1980



15.7292, 0.3355, 0.3151



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.



34.6011, 0.4040, 0.2883



33.5568, 0.4359, 0.2815



38.7329, 0.4379, 0.3508



15.8420, 0.3243, 0.3215



10.4524, 0.5693, 0.2910



0.8870, 0.5321, 0.2705

Inverse Universe

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



34.6011, 0.4040, 0.2883



33.5568, 0.4359, 0.2815



60.8112, 0.2440, 0.3047



15.8420, 0.3243, 0.3215



10.4524, 0.5693, 0.2910



0.8870, 0.5321, 0.2705

Previews

White Background



This preview shows how the Yxy color 34.5994, 0.4040, 0.2883 looks on a white background.

Color Contrast Check

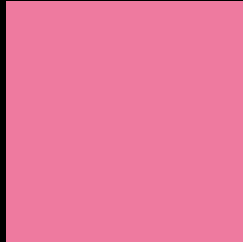
Large Text (above 18pt) WCAG AA × Fail

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 34.5994, 0.4040, 0.2883 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 34.5994, 0.4040, 0.2883

Background



This preview shows how black text looks on a background with the Yxy color 34.5994, 0.4040, 0.2883.



This preview shows how white text looks on a background with the Yxy color 34.5994, 0.4040, 0.2883.

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

34.5994, 0.4040, 0.2883

Protanopia

34.8578, 0.2910, 0.2960

Deuteranopia

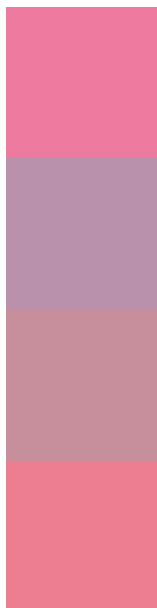
34.7914, 0.3360, 0.3291



Tritanopia

34.5038, 0.4296, 0.3193

Trichromacy



Original Color

34.5994, 0.4040, 0.2883

Protanomaly

33.7070, 0.3278, 0.2914

Deuteranomaly

33.8884, 0.3597, 0.3108

Tritanomaly

34.6854, 0.4201, 0.3081

Monochromacy



Original Color

34.5994, 0.4040, 0.2883

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.2243, 0.3437, 0.3115

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5994, 0.4040, 0.2883 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(238, 122, 159)` looks like.

```
.text, #text, p{  
    color:rgb(238, 122, 159)  
}
```

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(238, 122, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 122, 159) }
```

Border

The CSS property to change the border of an element to Yxy 34.5994, 0.4040, 0.2883 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(238, 122, 159) }
```

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

```
.border{ border-color:rgb(238, 122, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 122, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 122, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 122, 159);  
box-shadow:4px 4px 4px 4px rgb(238, 122,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5994, 0.4040, 0.2883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 122, 159) }
```

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

```
.background{ background-color: rgb(238,  
122, 159) }
```

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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