

Converting Colors

$Y_{xy}(34.9055, 0.3875, 0.2957)$

Have a look what the booklet for
Yxy(34.9055, 0.3875, 0.2957)
contains.

Yxy(34.9394, 0.3872, 0.2952)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.9394, 0.3872, 0.2952)

Conversions

Conversions Part 1

Format	Color
Hex	E283A0
RGB	226, 131, 160
RGB Percent	89%, 51%, 63%
CMY	0.1137, 0.4863, 0.3725
CMYK	0.00, 0.42, 0.29, 0.11
HSL	342°, 62%, 70%
HSV	342°, 42%, 89%
XYZ	45.8284, 34.9394, 37.5906
YIQ	162.7110, 47.3110, 29.1590

Conversions

Conversions Part 2

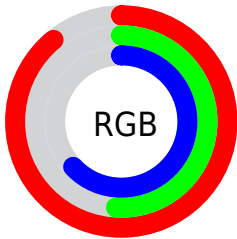
Format	Color
RYB	226, 131, 160
Decimal	14844832
CIELab	65.70, 39.91, 0.56
CIELCh	66, 39.917, 0.805
Yxy	34.9394, 0.3872, 0.2952
Android (android.graphics.Color)	4293034912 (0xFFE283A0)
YUV	162.7110, -1.3365, 55.5045
Hunter-Lab	59.1096, 34.9515, 3.6713

Details

The Yxy color **34.9394, 0.3872, 0.2952** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **63.2544, 0.2704, 0.3668**, and the grayscale version is **36.4733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.2841, 0.3471, 0.2994**, and **15.0209, 0.4099, 0.2837** is the 20% darker color. If you saturate the color by 10%, you get **29.0027, 0.4152, 0.2879**, and if you desaturate by 10%, it is **42.2728, 0.3636, 0.3034**.

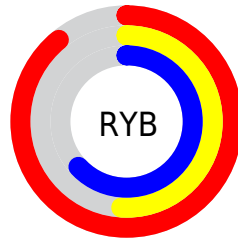
Distribution



Red (89%)

Green (51%)

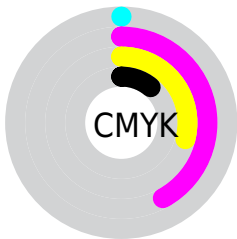
Blue (63%)



Red (89%)

Yellow (51%)

Blue (63%)

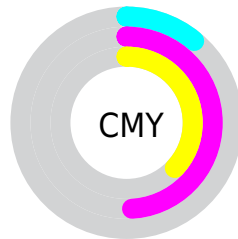


Cyan (0%)

Magenta (42%)

Yellow (29%)

Black (11%)



Cyan (11%)


Magenta (49%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9394, 0.3872, 0.2952 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 34.9394, 0.3872, 0.2952 by changing the saturation by 10% instead.


 34.9394, 0.3872,
0.2952


 34.9394, 0.3872,
0.2952


324.3008, 0.3482,
0.3130


 23.6162, 0.3975,
0.2905


 67.3919, 0.3726,
0.3019

 15.0492, 0.4110,
0.2843


 89.2899, 0.3673,
0.3043

 8.8539, 0.4296,
0.2757


 115.4818, 0.3628,
0.3063

 4.6460, 0.4567,
0.2633

146.3517, 0.3590,
0.3081

 2.0411, 0.4993,
0.2435

182.2842, 0.3557,
0.3095

 0.6312, 0.5855,
0.2045

223.6636, 0.3529,


 0.0000, 1.0000,

0.3108

0.0000


270.8743, 0.3504,
0.3120

 0.0000, 0.0000,
0.0000

 34.9394, 0.3872,
0.2952

 34.9394, 0.3872,
0.2952

 29.0027, 0.4152,
0.2879

 42.2728, 0.3636,
0.3034


 24.3682, 0.4475,
0.2824


 51.0796, 0.3440,
0.3117


 20.9374, 0.4830,
0.2799


 61.4365, 0.3281,
0.3198


 18.5954, 0.5195,
0.2815


 73.4137, 0.3151,
0.3275

 17.2045, 0.5537,
0.2879

 87.0771, 0.3045,
0.3346

 16.6001, 0.5776,
0.2955

 94.8595, 0.2956,
0.3297

 94.9103, 0.2952,
0.3289

Harmonies

Analogous

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



34.9394, 0.3262, 0.2586



34.9394, 0.3872, 0.2952



34.9394, 0.4278, 0.3406

Triad

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



34.9394, 0.3872, 0.2952



34.9394, 0.3506, 0.4413



34.9394, 0.2047, 0.2555

Complementary

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



34.9394, 0.3872, 0.2952



63.2544, 0.2704, 0.3668

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.



34.9394, 0.2097, 0.2999



34.9394, 0.3872, 0.2952



34.9394, 0.2907, 0.4180

Square

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



34.9394, 0.3872, 0.2952



34.9394, 0.4031, 0.4261



34.9394, 0.2397, 0.3617



34.9394, 0.2244, 0.2349

Rectangle

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



34.9394, 0.3872, 0.2952



34.9394, 0.4353, 0.3721



34.9394, 0.2397, 0.3617



34.9394, 0.2036, 0.2677

Sweetspot

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



34.9411, 0.3872, 0.2952



79.2475, 0.3296, 0.3190



33.4493, 0.2893, 0.2171



16.2865, 0.3329, 0.3172



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.



34.9411, 0.3872, 0.2952



39.3373, 0.4101, 0.2891



39.1201, 0.4124, 0.3498



13.7691, 0.3244, 0.3219



9.4881, 0.5735, 0.2933



0.6733, 0.5294, 0.2690

Inverse Universe

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



34.9411, 0.3872, 0.2952



39.3373, 0.4101, 0.2891



55.7173, 0.2519, 0.3065



13.7691, 0.3244, 0.3219



9.4881, 0.5735, 0.2933



0.6733, 0.5294, 0.2690

Previews

White Background



This preview shows how the Yxy color 34.9394, 0.3872, 0.2952 looks on a white background.

Color Contrast Check

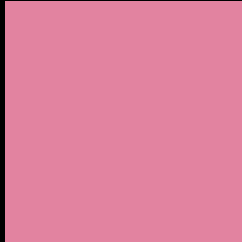
Large Text (above 18pt) WCAG AA × Fail

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 34.9394, 0.3872, 0.2952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

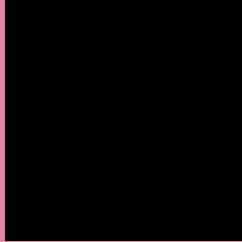
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9394, 0.3872, 0.2952

Background



This preview shows how black text looks on a background with the Yxy color 34.9394, 0.3872, 0.2952.



This preview shows how white text looks on a background with the Yxy color 34.9394, 0.3872, 0.2952.

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

34.9394, 0.3872, 0.2952

Protanopia

35.2397, 0.2962, 0.3031

Deuteranopia

35.1901, 0.3338, 0.3277



Tritanopia

34.9111, 0.4027, 0.3174

Trichromacy



Original Color

34.9394, 0.3872, 0.2952



Protanomaly

34.5024, 0.3262, 0.2992



Deuteranomaly

34.5942, 0.3534, 0.3145



Tritanomaly

34.9846, 0.3971, 0.3091

Monochromacy



Original Color

34.9394, 0.3872, 0.2952



Achromatopsia

36.6253, 0.3127, 0.3290



Achromatomaly

35.1810, 0.3378, 0.3141

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9394, 0.3872, 0.2952 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(226, 131, 160)` looks like.

```
.text, #text, p{  
    color:rgb(226, 131, 160)  
}
```

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(226, 131, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 131, 160) }
```

Border

The CSS property to change the border of an element to Yxy 34.9394, 0.3872, 0.2952 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(226, 131, 160) }
```

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

```
.border{ border-color:rgb(226, 131, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 131, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 131, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 131, 160); box-shadow:4px 4px 4px 4px rgb(226, 131, 160) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9394, 0.3872, 0.2952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 131, 160) }
```

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

```
.background{ background-color: rgb(226,  
131, 160) }
```

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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