

Converting Colors

$Y_{xy}(35.0256, 0.4007, 0.2922)$

Have a look what the booklet for
Yxy(35.0256, 0.4007, 0.2922)
contains.

Yxy(35.0871, 0.3995, 0.2921)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.0871, 0.3995, 0.2921)

Conversions

Conversions Part 1

Format	Color
Hex	EB7E9F
RGB	235, 126, 159
RGB Percent	92%, 49%, 62%
CMY	0.0783, 0.5059, 0.3765
CMYK	0.00, 0.46, 0.32, 0.08
HSL	342°, 73%, 71%
HSV	342°, 46%, 92%
XYZ	47.9880, 35.0871, 37.0451
YIQ	162.3530, 54.3710, 33.3710

Conversions

Conversions Part 2

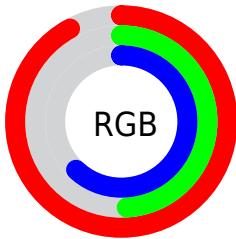
Format	Color
R _Y B	235, 126, 159
Decimal	15433375
CIE Lab	65.82, 45.48, 1.44
CIE LCh	66, 45.505, 1.815
Yxy	35.0871, 0.3995, 0.2921
Android (android.graphics.Color)	4293623455 (0xFFEB7E9F)
YUV	162.3530, -1.6530, 63.7114
Hunter-Lab	59.2344, 40.9495, 4.3842

Details

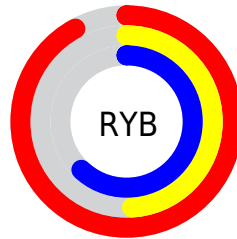
The Yxy color **35.0871, 0.3995, 0.2921** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **68.1349, 0.2668, 0.3712**, and the grayscale version is **36.2940, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.1628, 0.3488, 0.2952**, and **15.0779, 0.4261, 0.2794** is the 20% darker color. If you saturate the color by 10%, you get **29.2370, 0.4297, 0.2855**, and if you desaturate by 10%, it is **42.4279, 0.3738, 0.2999**.

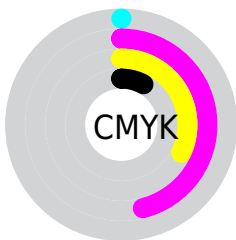
Distribution



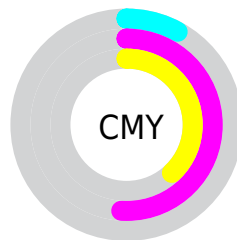
- Red (92%)
- Green (49%)
- Blue (62%)



- Red (92%)
- Yellow (49%)
- Blue (62%)



- Cyan (0%)
- Magenta (46%)
- Yellow (32%)
- Black (8%)





- Cyan (8%)
- Magenta (51%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.0871, 0.3995, 0.2921 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 35.0871, 0.3995, 0.2921 by changing the saturation by 10% instead.


 35.0871, 0.3995,
0.2921


 35.0871, 0.3995,
0.2921


324.9526, 0.3541,
0.3116


 23.7300, 0.4114,
0.2869


 67.6207, 0.3825,
0.2994

 15.1334, 0.4271,
0.2801


 89.5659, 0.3763,
0.3021

 8.9131, 0.4486,
0.2707


 115.8093, 0.3711,
0.3043

 4.6845, 0.4797,
0.2570

146.7353, 0.3667,
0.3062

 2.0634, 0.5281,
0.2353

182.7282, 0.3629,
0.3078

 0.6439, 0.6240,
0.1946

224.1725, 0.3596,

 0.0000, 1.0000,

0.3092

0.0000

271.4525, 0.3567,
0.3105

0.0000, 0.0000,
0.0000

35.0871, 0.3995,
0.2921

35.0871, 0.3995,
0.2921

29.2370, 0.4297,
0.2855

42.4279, 0.3738,
0.2999

24.7689, 0.4639,
0.2813

51.3474, 0.3523,
0.3082

21.5678, 0.5004,
0.2806

61.9332, 0.3348,
0.3164


19.4977, 0.5365,
0.2844

74.2647, 0.3204,
0.3242

18.3884, 0.5686,
0.2928

88.4164, 0.3088,
0.3316

 18.1248, 0.5790,
0.2964

 96.4078, 0.3006,
0.3290

Harmonies

Analogous

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



35.0871, 0.3300, 0.2513



35.0871, 0.3995, 0.2921



35.0871, 0.4446, 0.3423

Triad

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



35.0871, 0.3995, 0.2921



35.0871, 0.3520, 0.4575



35.0871, 0.1923, 0.2443

Complementary

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



35.0871, 0.3995, 0.2921



68.1349, 0.2668, 0.3712

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.



35.0871, 0.1964, 0.2928



35.0871, 0.3995, 0.2921



35.0871, 0.2846, 0.4302

Square

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



35.0871, 0.3995, 0.2921



35.0871, 0.4122, 0.4391



35.0871, 0.2284, 0.3636



35.0871, 0.2148, 0.2232

Rectangle

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



35.0871, 0.3995, 0.2921



35.0871, 0.4516, 0.3774



35.0871, 0.2284, 0.3636



35.0871, 0.1906, 0.2574

Sweetspot

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



35.0888, 0.3995, 0.2921



77.7990, 0.3312, 0.3183



33.2663, 0.2860, 0.2050



16.0011, 0.3345, 0.3165



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.



35.0888, 0.3995, 0.2921



35.2738, 0.4292, 0.2856



39.7243, 0.4280, 0.3519



15.1291, 0.3245, 0.3219



10.1039, 0.5749, 0.2941



0.8099, 0.5356, 0.2724

Inverse Universe

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



35.0888, 0.3995, 0.2921



35.2738, 0.4292, 0.2856



59.0561, 0.2464, 0.3037



15.1291, 0.3245, 0.3219



10.1039, 0.5749, 0.2941



0.8099, 0.5356, 0.2724

Previews

White Background



This preview shows how the Yxy color 35.0871, 0.3995, 0.2921 looks on a white background.

Color Contrast Check

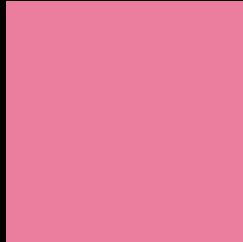
Large Text (above 18pt) WCAG AA × Fail

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 35.0871, 0.3995, 0.2921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

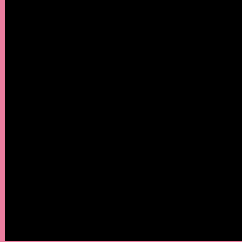
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0871, 0.3995, 0.2921

Background



This preview shows how black text looks on a background with the Yxy color 35.0871, 0.3995, 0.2921.



This preview shows how white text looks on a background with the Yxy color 35.0871, 0.3995, 0.2921.

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

35.0871, 0.3995, 0.2921

Protanopia

35.3200, 0.2945, 0.3004

Deuteranopia

35.2408, 0.3368, 0.3305



Tritanopia

35.1530, 0.4198, 0.3191

Trichromacy



Original Color

35.0871, 0.3995, 0.2921



Protanomaly

34.2851, 0.3286, 0.2954



Deuteranomaly

34.4889, 0.3592, 0.3134



Tritanomaly

35.2683, 0.4129, 0.3100

Monochromacy



Original Color

35.0871, 0.3995, 0.2921



Achromatopsia

36.1307, 0.3127, 0.3290



Achromatomaly

34.8869, 0.3423, 0.3129

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0871, 0.3995, 0.2921 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, 126, 159)` looks like.

```
.text, #text, p{  
    color:rgb(235, 126, 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(235, 126, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 126, 159) }
```

Border

The CSS property to change the border of an element to Yxy 35.0871, 0.3995, 0.2921 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, 126, 159) }
```

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

```
.border{ border-color:rgb(235, 126, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 126, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 126, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 126, 159);  
box-shadow:4px 4px 4px 4px rgb(235, 126,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0871, 0.3995, 0.2921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 126, 159) }
```

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

```
.background{ background-color: rgb(235,  
126, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor