

Converting Colors

$Y_{xy}(35.1285, 0.3845, 0.2957)$

Have a look what the booklet for
Yxy(35.1285, 0.3845, 0.2957)
contains.

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Color

Yxy(35.0833, 0.3847, 0.2951)

Conversions

Conversions Part 1

Format	Color
Hex	E184A1
RGB	225, 132, 161
RGB Percent	88%, 52%, 63%
CMY	0.1176, 0.4823, 0.3687
CMYK	0.00, 0.41, 0.28, 0.12
HSL	341°, 61%, 70%
HSV	341°, 41%, 88%
XYZ	45.7355, 35.0833, 38.0673
YIQ	163.1130, 46.1190, 28.7350

Conversions

Conversions Part 2

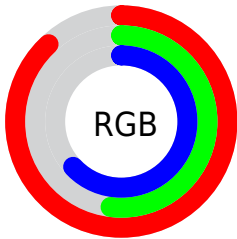
Format	Color
R_{YB}	225, 132, 161
Decimal	14779553
CIE _{Lab}	65.81, 39.17, 0.16
CIE _{LCh}	66, 39.166, 0.239
Yxy	35.0833, 0.3847, 0.2951
Android (android.graphics.Color)	4292969633 (0xFFE184A1)
YUV	163.1130, -1.0417, 54.2749
Hunter-Lab	59.2312, 34.1747, 3.3567

Details

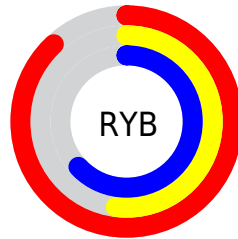
The Yxy color **35.0833, 0.3847, 0.2951** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.7478, 0.2713, 0.3668**, and the grayscale version is **36.6712, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.7585, 0.3461, 0.2994**, and **15.0786, 0.4062, 0.2833** is the 20% darker color. If you saturate the color by 10%, you get **29.1132, 0.4121, 0.2876**, and if you desaturate by 10%, it is **42.4404, 0.3616, 0.3035**.

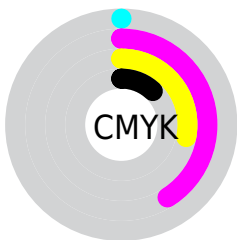
Distribution



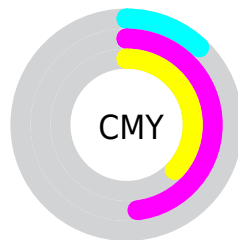
- Red (88%)
- Green (52%)
- Blue (63%)



- Red (88%)
- Yellow (52%)
- Blue (63%)



- Cyan (0%)
- Magenta (41%)
- Yellow (28%)
- Black (12%)





- Cyan (12%)
- Magenta (48%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0833, 0.3847, 0.2951 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 35.0833, 0.3847, 0.2951 by changing the saturation by 10% instead.


 35.0833, 0.3847,
0.2951


 35.0833, 0.3847,
0.2951


324.9359, 0.3471,
0.3129

 23.7270, 0.3946,
0.2904


 67.6148, 0.3706,
0.3017

 15.1313, 0.4077,
0.2842


 89.5588, 0.3655,
0.3042

 8.9116, 0.4256,
0.2758


 115.8009, 0.3612,
0.3062

 4.6835, 0.4517,
0.2634

146.7254, 0.3575,
0.3079

 2.0628, 0.4927,
0.2440

182.7168, 0.3543,
0.3094

 0.6436, 0.5741,
0.2057

224.1594, 0.3516,

 0.0000, 1.0000,

0.3107

0.0000

271.4376, 0.3492,
0.3119

■ 0.0000, 0.0000,
0.0000

■ 35.0833, 0.3847,
0.2951

■ 35.0833, 0.3847,
0.2951

■ 29.1132, 0.4121,
0.2876

■ 42.4404, 0.3616,
0.3035

■ 24.4372, 0.4438,
0.2818

■ 51.2596, 0.3425,
0.3120

■ 20.9588, 0.4787,
0.2789


■ 61.6166, 0.3269,
0.3202


■ 18.5658, 0.5149,
0.2801

■ 73.5803, 0.3142,
0.3280

■ 17.1242, 0.5492,
0.2861

■ 87.2155, 0.3039,
0.3352

 16.4521, 0.5753,
0.2943

 94.6798, 0.2952,
0.3300

 94.7488, 0.2946,
0.3289

Harmonies

Analogous

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



35.0833, 0.3248, 0.2593



35.0833, 0.3847, 0.2951



35.0833, 0.4250, 0.3397

Triad

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



35.0833, 0.3847, 0.2951



35.0833, 0.3511, 0.4390



35.0833, 0.2065, 0.2575

Complementary

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



35.0833, 0.3847, 0.2951



62.7478, 0.2713, 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.



35.0833, 0.2119, 0.3017



35.0833, 0.3847, 0.2951



35.0833, 0.2923, 0.4168

Square

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



35.0833, 0.3847, 0.2951



35.0833, 0.4023, 0.4238



35.0833, 0.2419, 0.3623



35.0833, 0.2254, 0.2368

Rectangle

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



35.0833, 0.3847, 0.2951



35.0833, 0.4329, 0.3707



35.0833, 0.2419, 0.3623



35.0833, 0.2055, 0.2697

Sweetspot

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



35.0850, 0.3847, 0.2951



80.7232, 0.3280, 0.3196



33.6170, 0.2899, 0.2190



16.8696, 0.3299, 0.3185



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.



35.0850, 0.3847, 0.2951



39.3662, 0.4092, 0.2882



39.1873, 0.4100, 0.3495



13.7705, 0.3243, 0.3217



9.4983, 0.5713, 0.2921



0.6741, 0.5273, 0.2678

Inverse Universe

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



35.0850, 0.3847, 0.2951



39.3662, 0.4092, 0.2882



55.4335, 0.2528, 0.3069



13.7705, 0.3243, 0.3217



9.4983, 0.5713, 0.2921



0.6741, 0.5273, 0.2678

Previews

White Background



This preview shows how the Yxy color 35.0833, 0.3847, 0.2951 looks on a white background.

Color Contrast Check

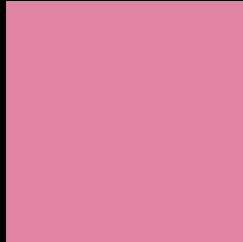
Large Text (above 18pt) WCAG AA × Fail

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 35.0833, 0.3847, 0.2951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

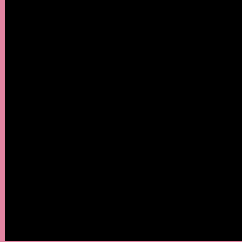
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0833, 0.3847, 0.2951

Background



This preview shows how black text looks on a background with the Yxy color 35.0833, 0.3847, 0.2951.



This preview shows how white text looks on a background with the Yxy color 35.0833, 0.3847, 0.2951.

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

35.0833, 0.3847, 0.2951

Protanopia

35.2397, 0.2962, 0.3031

Deuteranopia

35.2241, 0.3329, 0.3263



Tritanopia

35.0603, 0.4001, 0.3173

Trichromacy



Original Color

35.0833, 0.3847, 0.2951

Protanomaly

34.3803, 0.3252, 0.2991

Deuteranomaly

34.8054, 0.3511, 0.3145

Tritanomaly

35.1319, 0.3945, 0.3090

Monochromacy



Original Color

35.0833, 0.3847, 0.2951

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.5042, 0.3377, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0833, 0.3847, 0.2951 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(225, 132, 161)` looks like.

```
.text, #text, p{  
    color:rgb(225, 132, 161)  
}
```

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(225, 132, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 132, 161) }
```

Border

The CSS property to change the border of an element to Yxy 35.0833, 0.3847, 0.2951 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(225, 132, 161) }
```

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

```
.border{ border-color:rgb(225, 132, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 132, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 132, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 132, 161);  
box-shadow:4px 4px 4px 4px rgb(225, 132,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0833, 0.3847, 0.2951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 132, 161) }
```

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

```
.background{ background-color: rgb(225,  
132, 161) }
```

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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