

Converting Colors

$Y_{xy}(35.7878, 0.3597, 0.2745)$

Have a look what the booklet for
Yxy(35.7878, 0.3597, 0.2745)
contains.

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Color

Yxy(35.8751, 0.3596, 0.2751)

Conversions

Conversions Part 1

Format	Color
Hex	DE86B4
RGB	222, 134, 180
RGB Percent	87%, 53%, 71%
CMY	0.1293, 0.4746, 0.2941
CMYK	0.00, 0.40, 0.19, 0.13
HSL	329°, 57%, 70%
HSV	329°, 40%, 87%
XYZ	46.8945, 35.8751, 47.6379
YIQ	165.5560, 37.6820, 32.9620

Conversions

Conversions Part 2

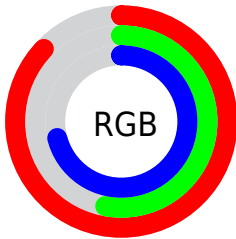
Format	Color
R _Y B	222, 134, 180
Decimal	14583476
CIE Lab	66.42, 39.81, -9.72
CIE LCh	66, 40.984, 346.280
Yxy	35.8751, 0.3596, 0.2751
Android (android.graphics.Color)	4292773556 (0xFFDE86B4)
YUV	165.5560, 7.1209, 49.5014
Hunter-Lab	59.8958, 34.9362, -5.2289

Details

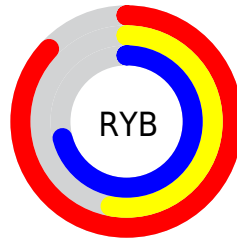
The Yxy color **35.8751, 0.3596, 0.2751** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.4598, 0.2831, 0.3908**, and the grayscale version is **37.8601, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.7113, 0.3300, 0.2819**, and **15.5662, 0.3738, 0.2601** is the 20% darker color. If you saturate the color by 10%, you get **29.9553, 0.3771, 0.2621**, and if you desaturate by 10%, it is **43.1196, 0.3446, 0.2890**.

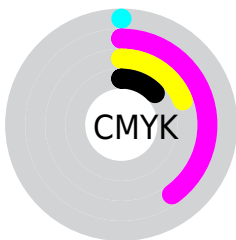
Distribution



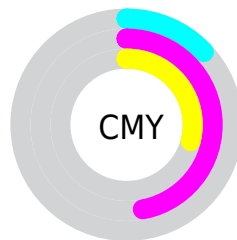
- Red (87%)
- Green (53%)
- Blue (71%)



- Red (87%)
- Yellow (53%)
- Blue (71%)



- Cyan (0%)
- Magenta (40%)
- Yellow (19%)
- Black (13%)





- Cyan (13%)
- Magenta (47%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.8751, 0.3596, 0.2751 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 35.8751, 0.3596, 0.2751 by changing the saturation by 10% instead.


 35.8751, 0.3596,
0.2751


 35.8751, 0.3596,
0.2751


328.4143, 0.3357,
0.3020


 24.3377, 0.3657,
0.2684


 68.8392, 0.3508,
0.2849

 15.5844, 0.3736,
0.2598


 91.0348, 0.3476,
0.2886

 9.2305, 0.3842,
0.2484


 117.5519, 0.3448,
0.2917

 4.8918, 0.3992,
0.2326

148.7750, 0.3425,
0.2943

 2.1839, 0.4220,
0.2093

185.0883, 0.3405,
0.2967

 0.7112, 0.4618,
0.1699

226.8764, 0.3387,


 0.0000, 0.7056,


0.2987


0.0000


274.5236, 0.3371,
0.3005


 0.0000, 0.0000,
0.0000


 35.8751, 0.3596,
0.2751


 35.8751, 0.3596,
0.2751


 29.9553, 0.3771,
0.2621


 43.1196, 0.3446,
0.2890

 25.2731, 0.3970,
0.2508


 51.7586, 0.3319,
0.3030

 21.7388, 0.4189,
0.2426


 61.8631, 0.3213,
0.3165

 19.2485, 0.4420,
0.2387


 73.4977, 0.3124,
0.3294


 17.6788, 0.4654,
0.2401

 86.7233, 0.3051,
0.3415

 16.8218, 0.4879,
0.2463

 93.5608, 0.2991,
0.3406

 16.7964, 0.4887,
0.2466

 94.2217, 0.2933,
0.3298

 94.2740, 0.2929,
0.3289

Harmonies

Analogous

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



35.8751, 0.2957, 0.2447



35.8751, 0.3596, 0.2751



35.8751, 0.4137, 0.3177

Triad

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



35.8751, 0.3596, 0.2751



35.8751, 0.3789, 0.4399



35.8751, 0.2023, 0.2731

Complementary

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



35.8751, 0.3596, 0.2751



60.4598, 0.2831, 0.3908

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.



35.8751, 0.2196, 0.3286



35.8751, 0.3596, 0.2751



35.8751, 0.3195, 0.4365

Square

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



35.8751, 0.3596, 0.2751



35.8751, 0.4230, 0.4104



35.8751, 0.2614, 0.3928



35.8751, 0.2103, 0.2404

Rectangle

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



35.8751, 0.3596, 0.2751



35.8751, 0.4336, 0.3494



35.8751, 0.2614, 0.3928



35.8751, 0.2052, 0.2894

Sweetspot

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



35.8768, 0.3596, 0.2751



81.1014, 0.3237, 0.3133



31.4450, 0.2737, 0.2184



16.9584, 0.3250, 0.3115



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.



35.8768, 0.3596, 0.2751



41.9378, 0.3747, 0.2636



34.3850, 0.4090, 0.3258



13.8196, 0.3211, 0.3168



9.9966, 0.4856, 0.2449



0.7110, 0.4533, 0.2271

Inverse Universe

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



35.8768, 0.3596, 0.2751



41.9378, 0.3747, 0.2636



62.4443, 0.2597, 0.3326



13.8196, 0.3211, 0.3168



9.9966, 0.4856, 0.2449



0.7110, 0.4533, 0.2271

Previews

White Background



This preview shows how the Yxy color 35.8751, 0.3596, 0.2751 looks on a white background.

Color Contrast Check

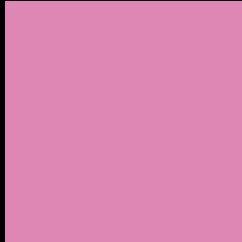
Large Text (above 18pt) WCAG AA × Fail

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 35.8751, 0.3596, 0.2751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

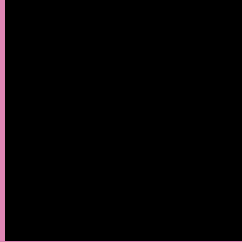
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.8751, 0.3596, 0.2751

Background



This preview shows how black text looks on a background with the Yxy color 35.8751, 0.3596, 0.2751.



This preview shows how white text looks on a background with the Yxy color 35.8751, 0.3596, 0.2751.

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

35.8751, 0.3596, 0.2751

Protanopia

36.0429, 0.2769, 0.2775

Deuteranopia

35.9065, 0.3092, 0.3026



Tritanopia

36.0182, 0.3882, 0.3171

Trichromacy



Original Color

35.8751, 0.3596, 0.2751



Protanomaly

35.4785, 0.3037, 0.2758



Deuteranomaly

35.6164, 0.3275, 0.2922



Tritanomaly

35.9658, 0.3775, 0.3015

Monochromacy



Original Color

35.8751, 0.3596, 0.2751



Achromatopsia

38.1326, 0.3127, 0.3290



Achromatomaly

36.4906, 0.3286, 0.3062

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8751, 0.3596, 0.2751 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(222, 134, 180)` looks like.

```
.text, #text, p{  
    color:rgb(222, 134, 180)  
}
```

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(222, 134, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 134, 180) }
```

Border

The CSS property to change the border of an element to Yxy 35.8751, 0.3596, 0.2751 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(222, 134, 180) }
```

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

```
.border{ border-color:rgb(222, 134, 180) }
```

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

Here you see how a box with a 4 pixel rgb(222, 134, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 134, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 134, 180);  
box-shadow:4px 4px 4px 4px rgb(222, 134,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8751, 0.3596, 0.2751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 134, 180) }
```

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

```
.background{ background-color: rgb(222,  
134, 180) }
```

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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