

Converting Colors

$Y_{xy}(35.4466, 0.3646, 0.2793)$

Have a look what the booklet for
Yxy(35.4466, 0.3646, 0.2793)
contains.

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Color

Yxy(35.3998, 0.3653, 0.2796)

Conversions

Conversions Part 1

Format	Color
Hex	DE85AF
RGB	222, 133, 175
RGB Percent	87%, 52%, 69%
CMY	0.1294, 0.4784, 0.3137
CMYK	0.00, 0.40, 0.21, 0.13
HSL	332°, 57%, 70%
HSV	332°, 40%, 87%
XYZ	46.2502, 35.3998, 44.9588
YIQ	164.3990, 39.5620, 31.9300

Conversions

Conversions Part 2

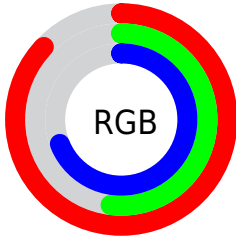
Format	Color
R_{YB}	222, 133, 175
Decimal	14583215
CIE Lab	66.06, 39.57, -7.45
CIE LCh	66, 40.267, 349.339
Yxy	35.3998, 0.3653, 0.2796
Android (android.graphics.Color)	4292773295 (0xFFDE85AF)
YUV	164.3990, 5.2263, 50.5161
Hunter-Lab	59.4977, 34.6348, -3.1534

Details

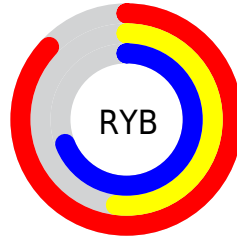
The Yxy color **35.3998, 0.3653, 0.2796** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.5239, 0.2803, 0.3853**, and the grayscale version is **37.2861, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.9960, 0.3340, 0.2857**, and **15.3143, 0.3807, 0.2646** is the 20% darker color. If you saturate the color by 10%, you get **29.5106, 0.3850, 0.2678**, and if you desaturate by 10%, it is **42.6168, 0.3484, 0.2922**.

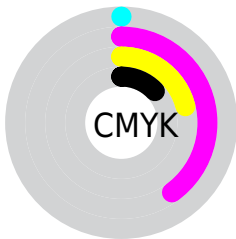
Distribution



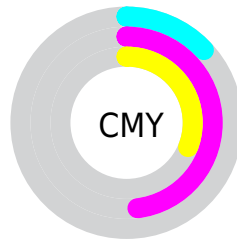
- Red (87%)
- Green (52%)
- Blue (69%)



- Red (87%)
- Yellow (52%)
- Blue (69%)



- Cyan (0%)
- Magenta (40%)
- Yellow (21%)
- Black (13%)





- Cyan (13%)
- Magenta (48%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3998, 0.3653, 0.2796 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 35.3998, 0.3653, 0.2796 by changing the saturation by 10% instead.


 35.3998, 0.3653,
0.2796


 35.3998, 0.3653,
0.2796


326.3295, 0.3383,
0.3045


 23.9710, 0.3723,
0.2733


 68.1047, 0.3553,
0.2887

 15.3121, 0.3814,
0.2652


 90.1495, 0.3516,
0.2921

 9.0387, 0.3937,
0.2544


 116.5019, 0.3485,
0.2950

 4.7665, 0.4113,
0.2393

147.5461, 0.3459,
0.2974

 2.1109, 0.4385,
0.2167

183.6665, 0.3436,
0.2996

 0.6707, 0.4876,
0.1762

225.2477, 0.3416,

 0.0000, 0.9234,

0.3014

0.0000

272.6739, 0.3398,
0.3031

0.0000, 0.0000,
0.0000

35.3998, 0.3653,
0.2796

35.3998, 0.3653,
0.2796

29.5106, 0.3850,
0.2678

42.6168, 0.3484,
0.2922

24.8616, 0.4076,
0.2579

51.2321, 0.3343,
0.3049

21.3624, 0.4326,
0.2510


61.3170, 0.3225,
0.3172

18.9080, 0.4590,
0.2484

72.9366, 0.3128,
0.3289

17.3739, 0.4854,
0.2511

86.1520, 0.3048,
0.3398

 16.5450, 0.5105,
0.2586

 93.6627, 0.2981,
0.3388

 94.2694, 0.2929,
0.3289

Harmonies

Analogous

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



35.3998, 0.3022, 0.2480



35.3998, 0.3653, 0.2796



35.3998, 0.4164, 0.3226

Triad

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



35.3998, 0.3653, 0.2796



35.3998, 0.3726, 0.4399



35.3998, 0.2032, 0.2694

Complementary

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



35.3998, 0.3653, 0.2796



60.5239, 0.2803, 0.3853

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.



35.3998, 0.2179, 0.3223



35.3998, 0.3653, 0.2796



35.3998, 0.3133, 0.4323

Square

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



35.3998, 0.3653, 0.2796



35.3998, 0.4183, 0.4134



35.3998, 0.2569, 0.3859



35.3998, 0.2137, 0.2396

Rectangle

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



35.3998, 0.3653, 0.2796



35.3998, 0.4336, 0.3541



35.3998, 0.2569, 0.3859



35.3998, 0.2053, 0.2848

Sweetspot

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



35.4015, 0.3653, 0.2796



81.0094, 0.3247, 0.3148



31.6322, 0.2772, 0.2183



16.9368, 0.3262, 0.3132



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.



35.4015, 0.3653, 0.2796



41.6599, 0.3814, 0.2698



34.4085, 0.4133, 0.3311



13.8077, 0.3218, 0.3180



9.8496, 0.5070, 0.2567



0.7007, 0.4708, 0.2367

Inverse Universe

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



35.4015, 0.3653, 0.2796



41.6599, 0.3814, 0.2698



61.7183, 0.2574, 0.3270



13.8077, 0.3218, 0.3180



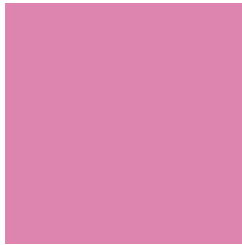
9.8496, 0.5070, 0.2567



0.7007, 0.4708, 0.2367

Previews

White Background



This preview shows how the Yxy color 35.3998, 0.3653, 0.2796 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 35.3998, 0.3653, 0.2796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

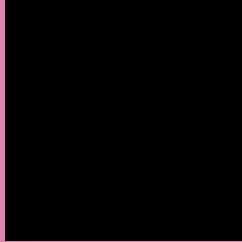
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3998, 0.3653, 0.2796

Background



This preview shows how black text looks on a background with the Yxy color 35.3998, 0.3653, 0.2796.



This preview shows how white text looks on a background with the Yxy color 35.3998, 0.3653, 0.2796.

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

35.3998, 0.3653, 0.2796

Protanopia

35.8174, 0.2807, 0.2839

Deuteranopia

35.4879, 0.3147, 0.3080



Tritanopia

35.3751, 0.3912, 0.3171

Trichromacy



Original Color

35.3998, 0.3653, 0.2796

Protanomaly

34.9416, 0.3082, 0.2807

Deuteranomaly

35.1055, 0.3325, 0.2972

Tritanomaly

35.2926, 0.3816, 0.3027

Monochromacy



Original Color

35.3998, 0.3653, 0.2796

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

35.9239, 0.3306, 0.3088

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3998, 0.3653, 0.2796 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, 133, 175)` looks like.

```
.text, #text, p{  
    color:rgb(222, 133, 175)  
}
```

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, 133, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 133, 175) }
```

Border

The CSS property to change the border of an element to Yxy 35.3998, 0.3653, 0.2796 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, 133, 175) }
```

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

```
.border{ border-color:rgb(222, 133, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 133, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 133, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 133, 175);  
box-shadow:4px 4px 4px 4px rgb(222, 133,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3998, 0.3653, 0.2796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 133, 175) }
```

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

```
.background{ background-color: rgb(222,  
133, 175) }
```

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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