

Converting Colors

$Y_{xy}(35.8649, 0.3973, 0.3114)$

Have a look what the booklet for
Yxy(35.8649, 0.3973, 0.3114)
contains.

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Color

Yxy(35.6987, 0.3974, 0.3116)

Conversions

Conversions Part 1

Format	Color
Hex	E28796
RGB	226, 135, 150
RGB Percent	89%, 53%, 59%
CMY	0.1138, 0.4705, 0.4118
CMYK	0.00, 0.40, 0.34, 0.11
HSL	350°, 61%, 71%
HSV	350°, 40%, 89%
XYZ	45.5284, 35.6987, 33.3386
YIQ	163.9190, 49.4210, 23.9570

Conversions

Conversions Part 2

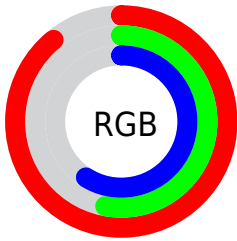
Format	Color
R _Y B	226, 135, 150
Decimal	14845846
CIE Lab	66.29, 36.52, 7.08
CIE LCh	66, 37.202, 10.966
Yxy	35.6987, 0.3974, 0.3116
Android (android.graphics.Color)	4293035926 (0xFFE28796)
YUV	163.9190, -6.8621, 54.4450
Hunter-Lab	59.7484, 31.4578, 8.7410

Details

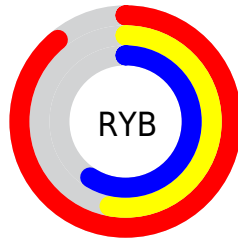
The Yxy color **35.6987, 0.3974, 0.3116** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.2406, 0.2651, 0.3479**, and the grayscale version is **37.1006, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.0148, 0.3557, 0.3136**, and **15.4122, 0.4252, 0.3049** is the 20% darker color. If you saturate the color by 10%, you get **29.4887, 0.4311, 0.3078**, and if you desaturate by 10%, it is **43.3485, 0.3694, 0.3160**.

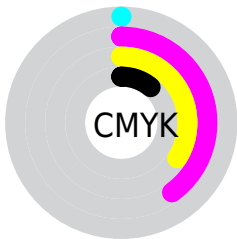
Distribution



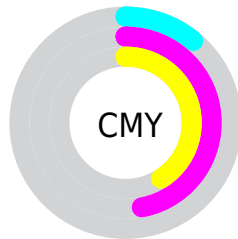
- Red (89%)
- Green (53%)
- Blue (59%)



- Red (89%)
- Yellow (53%)
- Blue (59%)



- Cyan (0%)
- Magenta (40%)
- Yellow (34%)
- Black (11%)




- Cyan (11%)
- Magenta (47%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6987, 0.3974, 0.3116 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 35.6987, 0.3974, 0.3116 by changing the saturation by 10% instead.


 35.6987, 0.3974,
0.3116


 35.6987, 0.3974,
0.3116


327.6417, 0.3529,
0.3215


 24.2016, 0.4092,
0.3087


 68.5668, 0.3807,
0.3155

 15.4832, 0.4247,
0.3048


 90.7065, 0.3746,
0.3169

 9.1592, 0.4461,
0.2991


 117.1626, 0.3695,
0.3180

 4.8452, 0.4771,
0.2902

148.3194, 0.3652,
0.3189

 2.1567, 0.5259,
0.2750

184.5613, 0.3615,
0.3197

 0.6962, 0.6488,
0.2548

226.2727, 0.3582,


 0.0000, 1.0000,

0.3204


0.0000


273.8381, 0.3554,
0.3210


 0.0000, 0.0000,
0.0000


 35.6987, 0.3974,
0.3116


 35.6987, 0.3974,
0.3116

 29.4887, 0.4311,
0.3078


 43.3485, 0.3694,
0.3160


 24.6231, 0.4701,
0.3051


 52.5150, 0.3465,
0.3205

 21.0034, 0.5126,
0.3044

 63.2762, 0.3280,
0.3248

 18.5151, 0.5551,
0.3065

 75.7029, 0.3131,
0.3289

 17.0225, 0.5920,
0.3115

 89.8618, 0.3010,
0.3327

■ 16.3010, 0.6186,
0.3181

■ 94.9063, 0.2952,
0.3289

Harmonies

Analogous

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



35.6987, 0.3453, 0.2736



35.6987, 0.3974, 0.3116



35.6987, 0.4247, 0.3555

Triad

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



35.6987, 0.3974, 0.3116



35.6987, 0.3295, 0.4293



35.6987, 0.2156, 0.2518

Complementary

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



35.6987, 0.3974, 0.3116



64.2406, 0.2651, 0.3479

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.



35.6987, 0.2123, 0.2862



35.6987, 0.3974, 0.3116



35.6987, 0.2749, 0.3956

Square

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



35.6987, 0.3974, 0.3116



35.6987, 0.3823, 0.4273



35.6987, 0.2329, 0.3394



35.6987, 0.2417, 0.2396

Rectangle

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



35.6987, 0.3974, 0.3116



35.6987, 0.4240, 0.3844



35.6987, 0.2329, 0.3394



35.6987, 0.2119, 0.2607

Sweetspot

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



35.7005, 0.3974, 0.3116



80.4681, 0.3311, 0.3240



36.6456, 0.3032, 0.2258



16.8100, 0.3334, 0.3235



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.



35.7005, 0.3974, 0.3116



40.2171, 0.4241, 0.3084



44.9489, 0.3997, 0.3648



13.7371, 0.3266, 0.3252



9.3128, 0.6155, 0.3164



0.6568, 0.5761, 0.2947

Inverse Universe

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



35.7005, 0.3974, 0.3116



40.2171, 0.4241, 0.3084



49.9700, 0.2513, 0.2894



13.7371, 0.3266, 0.3252



9.3128, 0.6155, 0.3164



0.6568, 0.5761, 0.2947

Previews

White Background



This preview shows how the Yxy color 35.6987, 0.3974, 0.3116 looks on a white background.

Color Contrast Check

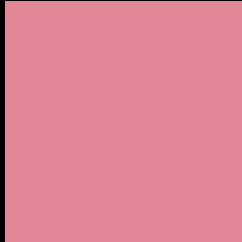
Large Text (above 18pt) WCAG AA × Fail

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 35.6987, 0.3974, 0.3116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

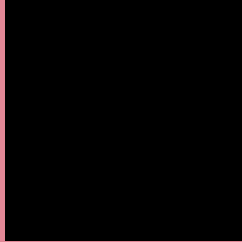
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.6987, 0.3974, 0.3116

Background



This preview shows how black text looks on a background with the Yxy color 35.6987, 0.3974, 0.3116.



This preview shows how white text looks on a background with the Yxy color 35.6987, 0.3974, 0.3116.

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

35.6987, 0.3974, 0.3116

Protanopia

36.0626, 0.3129, 0.3247

Deuteranopia

35.9195, 0.3495, 0.3430



Tritanopia

35.8524, 0.4016, 0.3175

Trichromacy



Original Color

35.6987, 0.3974, 0.3116

Protanomaly

35.5245, 0.3417, 0.3196

Deuteranomaly

35.4285, 0.3676, 0.3305

Tritanomaly

35.8837, 0.4005, 0.3163

Monochromacy



Original Color

35.6987, 0.3974, 0.3116

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

35.8505, 0.3415, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6987, 0.3974, 0.3116 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, 135, 150)` looks like.

```
.text, #text, p{  
    color:rgb(226, 135, 150)  
}
```

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, 135, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 135, 150) }
```

Border

The CSS property to change the border of an element to Yxy 35.6987, 0.3974, 0.3116 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, 135, 150) }
```

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

```
.border{ border-color:rgb(226, 135, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 135, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 135, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 135, 150);  
box-shadow:4px 4px 4px 4px rgb(226, 135,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6987, 0.3974, 0.3116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 135, 150) }
```

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

```
.background{ background-color: rgb(226,  
135, 150) }
```

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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