

Converting Colors

$Y_{xy}(34.7511, 0.3979, 0.3129)$

Have a look what the booklet for
Yxy(34.7511, 0.3979, 0.3129)
contains.

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Color

Yxy(34.8448, 0.3982, 0.3137)

Conversions

Conversions Part 1

Format	Color
Hex	DF8693
RGB	223, 134, 147
RGB Percent	87%, 53%, 58%
CMY	0.1254, 0.4746, 0.4235
CMYK	0.00, 0.40, 0.34, 0.13
HSL	351°, 58%, 70%
HSV	351°, 40%, 87%
XYZ	44.2308, 34.8448, 32.0012
YIQ	162.0930, 48.8710, 22.9110

Conversions

Conversions Part 2

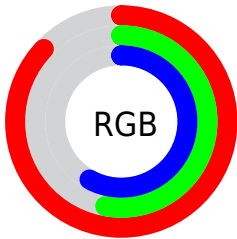
Format	Color
R _Y B	223, 134, 147
Decimal	14648979
CIE Lab	65.63, 35.62, 7.76
CIE LCh	66, 36.458, 12.295
Yxy	34.8448, 0.3982, 0.3137
Android (android.graphics.Color)	4292839059 (0xFFDF8693)
YUV	162.0930, -7.4408, 53.4154
Hunter-Lab	59.0295, 30.4485, 9.1782

Details

The Yxy color **34.8448, 0.3982, 0.3137** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.5135, 0.2646, 0.3456**, and the grayscale version is **36.1962, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.4435, 0.3584, 0.3157**, and **14.8970, 0.4250, 0.3060** is the 20% darker color. If you saturate the color by 10%, you get **28.7694, 0.4325, 0.3103**, and if you desaturate by 10%, it is **42.3225, 0.3697, 0.3176**.

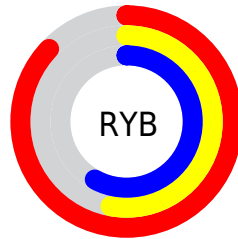
Distribution



Red (87%)

Green (53%)

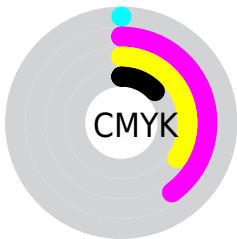
Blue (58%)



Red (87%)

Yellow (53%)

Blue (58%)

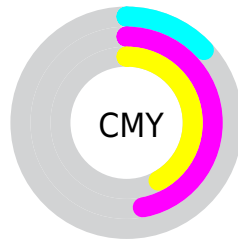


Cyan (0%)

Magenta (40%)

Yellow (34%)

Black (13%)



Cyan (13%)


Magenta (47%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8448, 0.3982, 0.3137 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 34.8448, 0.3982, 0.3137 by changing the saturation by 10% instead.


 34.8448, 0.3982,
0.3137


 34.8448, 0.3982,
0.3137


323.8828, 0.3531,
0.3226


 23.5433, 0.4102,
0.3110


 67.2453, 0.3812,
0.3172

 14.9952, 0.4261,
0.3074


 89.1131, 0.3750,
0.3185

 8.8160, 0.4480,
0.3019


 115.2718, 0.3699,
0.3195

 4.6214, 0.4801,
0.2934

146.1058, 0.3655,
0.3203

 2.0269, 0.5307,
0.2782

181.9995, 0.3617,
0.3210

 0.6230, 0.6819,
0.2612

223.3373, 0.3585,


 0.0000, 1.0000,


0.3216


0.0000


270.5036, 0.3556,
0.3221


 0.0000, 0.0000,
0.0000

 34.8448, 0.3982,
0.3137


 34.8448, 0.3982,
0.3137

 28.7694, 0.4325,
0.3103


 42.3225, 0.3697,
0.3176


 24.0038, 0.4721,
0.3080


 51.2772, 0.3465,
0.3216

 20.4528, 0.5154,
0.3074

 61.7842, 0.3277,
0.3254

 18.0056, 0.5584,
0.3093

 73.9124, 0.3126,
0.3290

 16.5312, 0.5955,
0.3140

 87.7265, 0.3004,
0.3323

■ 15.8052, 0.6221,
0.3201

■ 94.4331, 0.2935,
0.3289

■ 15.8007, 0.6223,
0.3202

Harmonies

Analogous

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



34.8448, 0.3475, 0.2757



34.8448, 0.3982, 0.3137



34.8448, 0.4238, 0.3573

Triad

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



34.8448, 0.3982, 0.3137



34.8448, 0.3269, 0.4273



34.8448, 0.2173, 0.2517

Complementary

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



34.8448, 0.3982, 0.3137



62.5135, 0.2646, 0.3456

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.



34.8448, 0.2131, 0.2848



34.8448, 0.3982, 0.3137



34.8448, 0.2732, 0.3926

Square

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



34.8448, 0.3982, 0.3137



34.8448, 0.3795, 0.4269



34.8448, 0.2324, 0.3368



34.8448, 0.2441, 0.2405

Rectangle

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



34.8448, 0.3982, 0.3137



34.8448, 0.4221, 0.3857



34.8448, 0.2324, 0.3368



34.8448, 0.2133, 0.2602

Sweetspot

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



34.8465, 0.3982, 0.3137



80.4367, 0.3314, 0.3246



36.0301, 0.3047, 0.2272



16.8027, 0.3338, 0.3241



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.



34.8465, 0.3982, 0.3137



40.1438, 0.4267, 0.3108



44.3794, 0.3980, 0.3662



13.7330, 0.3269, 0.3256



9.2977, 0.6195, 0.3187



0.6549, 0.5823, 0.2982

Inverse Universe

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



34.8465, 0.3982, 0.3137



40.1438, 0.4267, 0.3108



48.0373, 0.2515, 0.2878



13.7330, 0.3269, 0.3256



9.2977, 0.6195, 0.3187



0.6549, 0.5823, 0.2982

Previews

White Background



This preview shows how the Yxy color 34.8448, 0.3982, 0.3137 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 34.8448, 0.3982, 0.3137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

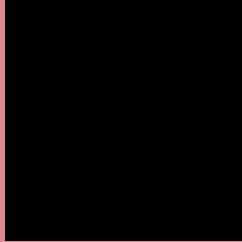
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.8448, 0.3982, 0.3137

Background



This preview shows how black text looks on a background with the Yxy color 34.8448, 0.3982, 0.3137.



This preview shows how white text looks on a background with the Yxy color 34.8448, 0.3982, 0.3137.

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

34.8448, 0.3982, 0.3137

Protanopia

35.0509, 0.3138, 0.3261

Deuteranopia

34.9181, 0.3510, 0.3446



Tritanopia

34.7518, 0.4017, 0.3173

Trichromacy



Original Color

34.8448, 0.3982, 0.3137

Protanomaly

34.4033, 0.3420, 0.3208

Deuteranomaly

34.6168, 0.3680, 0.3332

Tritanomaly

34.7825, 0.4005, 0.3161

Monochromacy



Original Color

34.8448, 0.3982, 0.3137

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.0811, 0.3406, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8448, 0.3982, 0.3137 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(223, 134, 147)` looks like.

```
.text, #text, p{  
    color:rgb(223, 134, 147)  
}
```

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(223, 134, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 134, 147) }
```

Border

The CSS property to change the border of an element to Yxy 34.8448, 0.3982, 0.3137 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(223, 134, 147) }
```

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

```
.border{ border-color:rgb(223, 134, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 134, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 134, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 134, 147);  
box-shadow:4px 4px 4px 4px rgb(223, 134,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8448, 0.3982, 0.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 134, 147) }
```

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

```
.background{ background-color: rgb(223,  
134, 147) }
```

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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