

Converting Colors

Yxy(34.8218, 0.4137, 0.3311)

Have a look what the booklet for
Yxy(34.8218, 0.4137, 0.3311)
contains.

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Color

Yxy(34.7372, 0.4129, 0.3305)

Conversions

Conversions Part 1

Format	Color
Hex	DF8786
RGB	223, 135, 134
RGB Percent	87%, 53%, 53%
CMY	0.1255, 0.4706, 0.4745
CMYK	0.00, 0.39, 0.40, 0.13
HSL	1°, 58%, 70%
HSV	1°, 40%, 87%
XYZ	43.3979, 34.7372, 26.9699
YIQ	161.1980, 52.7690, 18.3450

Conversions

Conversions Part 2

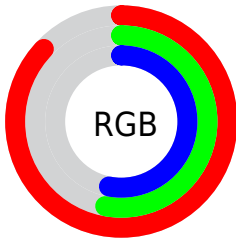
Format	Color
R _Y B	223, 135, 134
Decimal	14649222
CIE Lab	65.54, 33.54, 14.99
CIE LCh	66, 36.733, 24.081
Yxy	34.7372, 0.4129, 0.3305
Android (android.graphics.Color)	4292839302 (0xFFDF8786)
YUV	161.1980, -13.4086, 54.2004
Hunter-Lab	58.9383, 28.2924, 14.1259

Details

The Yxy color **34.7372, 0.4129, 0.3305** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.6309, 0.2577, 0.3276**, and the grayscale version is **35.7837, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.2430, 0.3700, 0.3313**, and **14.9801, 0.4461, 0.3294** is the 20% darker color. If you saturate the color by 10%, you get **28.6525, 0.4531, 0.3309**, and if you desaturate by 10%, it is **42.2303, 0.3793, 0.3301**.

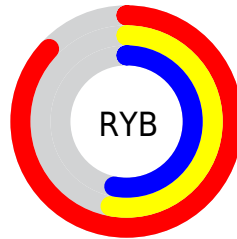
Distribution



Red (87%)

Green (53%)

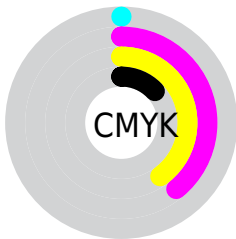
Blue (53%)



Red (87%)

Yellow (53%)

Blue (53%)

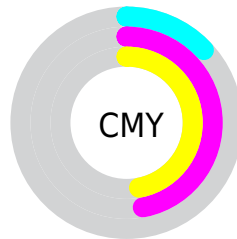


Cyan (0%)

Magenta (39%)

Yellow (40%)

Black (13%)



Cyan (13%)


Magenta (47%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.7372, 0.4129, 0.3305 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 34.7372, 0.4129, 0.3305 by changing the saturation by 10% instead.


 34.7372, 0.4129,
0.3305


 34.7372, 0.4129,
0.3305


323.4068, 0.3598,
0.3314

 23.4605, 0.4270,
0.3296


 67.0784, 0.3929,
0.3313

 14.9339, 0.4457,
0.3281


 88.9118, 0.3856,
0.3314

 8.7730, 0.4713,
0.3252


 115.0328, 0.3796,
0.3315

 4.5934, 0.5084,
0.3196

145.8259, 0.3744,
0.3315

 2.0107, 0.5662,
0.3075

181.6755, 0.3700,
0.3315

 0.6137, 0.7144,
0.2856

222.9659, 0.3662,

 0.0000, 1.0000,

0.3315


0.0000

270.0815, 0.3628,
0.3315


 0.0000, 0.0000,
0.0000


 34.7372, 0.4129,
0.3305

 34.7372, 0.4129,
0.3305


 28.6525, 0.4531,
0.3309


 42.2303, 0.3793,
0.3301


 23.8833, 0.4990,
0.3312


 51.2064, 0.3520,
0.3297


 20.3342, 0.5469,
0.3313

 61.7415, 0.3301,
0.3293

 17.8945, 0.5905,
0.3311

 73.9044, 0.3126,
0.3290

 16.4333, 0.6224,
0.3308

 87.7602, 0.2986,
0.3287

■ 15.7474, 0.6393,
0.3305

■ 94.4277, 0.2935,
0.3289

■ 15.7428, 0.6394,
0.3305

Harmonies

Analogous

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



34.7372, 0.3698, 0.2892



34.7372, 0.4129, 0.3305



34.7372, 0.4256, 0.3746

Triad

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



34.7372, 0.4129, 0.3305



34.7372, 0.3050, 0.4184



34.7372, 0.2245, 0.2440

Complementary

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



34.7372, 0.4129, 0.3305



62.6309, 0.2577, 0.3276

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.



34.7372, 0.2112, 0.2686



34.7372, 0.4129, 0.3305



34.7372, 0.2545, 0.3722

Square

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



34.7372, 0.4129, 0.3305



34.7372, 0.3603, 0.4320



34.7372, 0.2213, 0.3146



34.7372, 0.2598, 0.2412

Rectangle

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



34.7372, 0.4129, 0.3305



34.7372, 0.4152, 0.4013



34.7372, 0.2213, 0.3146



34.7372, 0.2175, 0.2497

Sweetspot

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



34.7389, 0.4129, 0.3305



80.3778, 0.3344, 0.3294



38.0644, 0.3173, 0.2311



16.7888, 0.3372, 0.3295



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.



34.7389, 0.4129, 0.3305



39.9903, 0.4465, 0.3308



49.4478, 0.3915, 0.3815



13.7253, 0.3292, 0.3293



9.2677, 0.6392, 0.3307



0.6513, 0.6366, 0.3327

Inverse Universe

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



62.6309, 0.2577, 0.3276



82.8093, 0.2489, 0.3272



42.4346, 0.2486, 0.2694



15.5442, 0.2982, 0.3287



33.3852, 0.2237, 0.3253



2.3228, 0.2239, 0.3259

Previews

White Background



This preview shows how the Yxy color 34.7372, 0.4129, 0.3305 looks on a white background.

Color Contrast Check

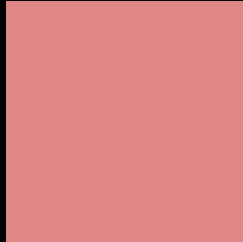
Large Text (above 18pt) WCAG AA × Fail

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 34.7372, 0.4129, 0.3305 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 34.7372, 0.4129, 0.3305

Background



This preview shows how black text looks on a background with the Yxy color 34.7372, 0.4129, 0.3305.



This preview shows how white text looks on a background with the Yxy color 34.7372, 0.4129, 0.3305.

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

34.7372, 0.4129, 0.3305

Protanopia

34.9786, 0.3315, 0.3481

Deuteranopia

34.7354, 0.3677, 0.3598



Tritanopia

34.8807, 0.4039, 0.3186

Trichromacy



Original Color

34.7372, 0.4129, 0.3305

Protanomaly

34.3305, 0.3595, 0.3402

Deuteranomaly

34.3658, 0.3845, 0.3478

Tritanomaly

34.7909, 0.4074, 0.3221

Monochromacy



Original Color

34.7372, 0.4129, 0.3305

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.8812, 0.3466, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7372, 0.4129, 0.3305 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, 135, 134)` looks like.

```
.text, #text, p{  
    color:rgb(223, 135, 134)  
}
```

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, 135, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 135, 134) }
```

Border

The CSS property to change the border of an element to Yxy 34.7372, 0.4129, 0.3305 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, 135, 134) }
```

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

```
.border{ border-color:rgb(223, 135, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 135, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 135, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 135, 134);  
box-shadow:4px 4px 4px 4px rgb(223, 135,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7372, 0.4129, 0.3305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 135, 134) }
```

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

```
.background{ background-color: rgb(223,  
135, 134) }
```

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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