

Converting Colors

$Y_{xy}(33.4822, 0.4022, 0.3290)$

Have a look what the booklet for
Yxy(33.4822, 0.4022, 0.3290)
contains.

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Color

Yxy(33.3734, 0.4022, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	D68787
RGB	214, 135, 135
RGB Percent	84%, 53%, 53%
CMY	0.1609, 0.4705, 0.4706
CMYK	0.00, 0.37, 0.37, 0.16
HSL	0°, 49%, 68%
HSV	0°, 37%, 84%
XYZ	40.7616, 33.3734, 27.2115
YIQ	158.6210, 47.0840, 16.7480

Conversions

Conversions Part 2

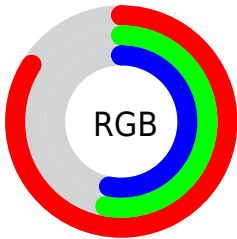
Format	Color
R _Y B	214, 135, 135
Decimal	14059399
CIE Lab	64.46, 30.24, 12.75
CIE LCh	64, 32.816, 22.863
Yxy	33.3734, 0.4022, 0.3293
Android (android.graphics.Color)	4292249479 (0xFFD68787)
YUV	158.6210, -11.6452, 48.5674
Hunter-Lab	57.7697, 24.8503, 12.5112

Details

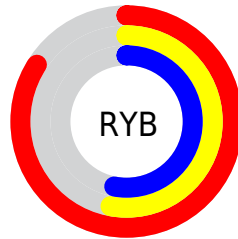
The Yxy color **33.3734, 0.4022, 0.3293** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.0652, 0.2614, 0.3288**, and the grayscale version is **34.5281, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.2860, 0.3692, 0.3302**, and **14.1646, 0.4330, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **27.4497, 0.4406, 0.3294**, and if you desaturate by 10%, it is **40.6204, 0.3705, 0.3292**.

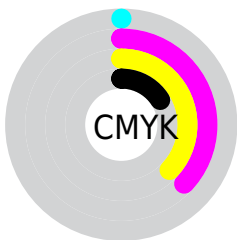
Distribution



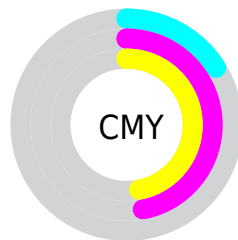
- Red (84%)
- Green (53%)
- Blue (53%)



- Red (84%)
- Yellow (53%)
- Blue (53%)



- Cyan (0%)
- Magenta (37%)
- Yellow (37%)
- Black (16%)



- Cyan (16%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.3734, 0.4022, 0.3293 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 33.3734, 0.4022, 0.3293 by changing the saturation by 10% instead.


 33.3734, 0.4022,
0.3293


 33.3734, 0.4022,
0.3293


317.3289, 0.3545,
0.3305


 22.4126, 0.4151,
0.3285


 64.9581, 0.3842,
0.3301

 14.1604, 0.4321,
0.3271


 86.3508, 0.3776,
0.3303

 8.2323, 0.4558,
0.3245


 111.9896, 0.3721,
0.3304

 4.2440, 0.4906,
0.3195

142.2589, 0.3675,
0.3305

 1.8109, 0.5462,
0.3086

177.5431, 0.3636,
0.3305

 0.4940, 0.7189,
0.2811

218.2265, 0.3601,


 0.0000, 1.0000,


0.3305

0.0000

264.6937, 0.3572,
0.3305

 0.0000, 0.0000,
0.0000


 33.3734, 0.4022,
0.3293


 33.3734, 0.4022,
0.3293


 27.4497, 0.4406,
0.3294


 40.6204, 0.3705,
0.3292


 22.7648, 0.4851,
0.3296

 49.2585, 0.3449,
0.3291


 19.2324, 0.5331,
0.3297

 59.3571, 0.3244,
0.3290

 16.7529, 0.5789,
0.3298

 70.9792, 0.3081,
0.3290

 15.2098, 0.6150,
0.3299

 84.1844, 0.2950,
0.3289

■ 14.4513, 0.6355,
0.3300

■ 93.0315, 0.2883,
0.3289

■ 14.2934, 0.6401,
0.3300

Harmonies

Analogous

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



33.3734, 0.3625, 0.2914



33.3734, 0.4022, 0.3293



33.3734, 0.4152, 0.3697

Triad

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



33.3734, 0.4022, 0.3293



33.3734, 0.3083, 0.4103



33.3734, 0.2312, 0.2521

Complementary

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



33.3734, 0.4022, 0.3293



58.0652, 0.2614, 0.3288

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.



33.3734, 0.2198, 0.2759



33.3734, 0.4022, 0.3293



33.3734, 0.2616, 0.3700

Square

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



33.3734, 0.4022, 0.3293



33.3734, 0.3584, 0.4219



33.3734, 0.2302, 0.3184



33.3734, 0.2631, 0.2484

Rectangle

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



33.3734, 0.4022, 0.3293



33.3734, 0.4069, 0.3942



33.3734, 0.2302, 0.3184



33.3734, 0.2251, 0.2577

Sweetspot

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



33.3750, 0.4022, 0.3293



81.7203, 0.3324, 0.3291



36.4706, 0.3170, 0.2383



17.0505, 0.3352, 0.3291



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.



33.3750, 0.4022, 0.3293



42.8356, 0.4305, 0.3294



46.4987, 0.3841, 0.3774



12.4216, 0.3291, 0.3291



8.6426, 0.6400, 0.3300



0.5216, 0.6399, 0.3301

Inverse Universe

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



58.0652, 0.2614, 0.3288



84.5330, 0.2531, 0.3288



40.4618, 0.2537, 0.2748



14.1070, 0.2983, 0.3289



31.9778, 0.2246, 0.3286



1.9290, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 33.3734, 0.4022, 0.3293 looks on a white background.

Color Contrast Check

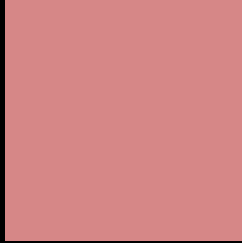
Large Text (above 18pt) WCAG AA × Fail

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 33.3734, 0.4022, 0.3293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

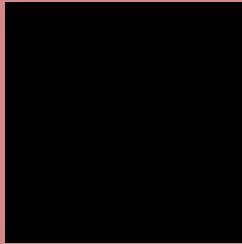
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.3734, 0.4022, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 33.3734, 0.4022, 0.3293.



This preview shows how white text looks on a background with the Yxy color 33.3734, 0.4022, 0.3293.

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

33.3734, 0.4022, 0.3293

Protanopia

33.5336, 0.3280, 0.3440

Deuteranopia

33.6229, 0.3631, 0.3561



Tritanopia

33.5109, 0.3932, 0.3169

Trichromacy



Original Color

33.3734, 0.4022, 0.3293

Protanomaly

32.9566, 0.3537, 0.3376

Deuteranomaly

33.2817, 0.3774, 0.3455

Tritanomaly

33.4204, 0.3967, 0.3206

Monochromacy



Original Color

33.3734, 0.4022, 0.3293

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.5984, 0.3428, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.3734, 0.4022, 0.3293 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(214, 135, 135)` looks like.

```
.text, #text, p{  
    color:rgb(214, 135, 135)  
}
```

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(214, 135, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 135, 135) }
```

Border

The CSS property to change the border of an element to Yxy 33.3734, 0.4022, 0.3293 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(214, 135, 135) }
```

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

```
.border{ border-color:rgb(214, 135, 135) }
```

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

Here you see how a box with a 4 pixel rgb(214, 135, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 135, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 135, 135);  
box-shadow:4px 4px 4px 4px rgb(214, 135,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 33.3734, 0.4022, 0.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 135, 135) }
```

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

```
.background{ background-color: rgb(214,  
135, 135) }
```

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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