

Converting Colors

$Yxy(33.1085, 0.4015, 0.3300)$

Have a look what the booklet for
Yxy(33.1085, 0.4015, 0.3300)
contains.

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Color

Yxy(33.1953, 0.4023, 0.3305)

Conversions

Conversions Part 1

Format	Color
Hex	D58786
RGB	213, 135, 134
RGB Percent	84%, 53%, 53%
CMY	0.1647, 0.4706, 0.4744
CMYK	0.00, 0.37, 0.37, 0.16
HSL	1°, 48%, 68%
HSV	1°, 37%, 84%
XYZ	40.4069, 33.1953, 26.8375
YIQ	158.2080, 46.8090, 16.2250

Conversions

Conversions Part 2

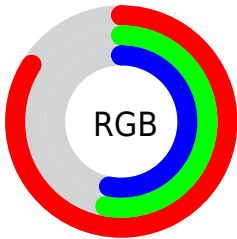
Format	Color
R _Y B	213, 135, 134
Decimal	13993862
CIE Lab	64.32, 29.76, 13.08
CIE LCh	64, 32.508, 23.731
Yxy	33.1953, 0.4023, 0.3305
Android (android.graphics.Color)	4292183942 (0xFFD58786)
YUV	158.2080, -11.9345, 48.0526
Hunter-Lab	57.6154, 24.3589, 12.7132

Details

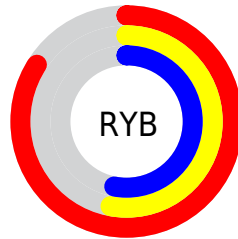
The Yxy color **33.1953, 0.4023, 0.3305** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.9607, 0.2610, 0.3276**, and the grayscale version is **34.3320, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.2430, 0.3700, 0.3313**, and **14.0487, 0.4333, 0.3294** is the 20% darker color. If you saturate the color by 10%, you get **27.3602, 0.4405, 0.3309**, and if you desaturate by 10%, it is **40.3125, 0.3707, 0.3301**.

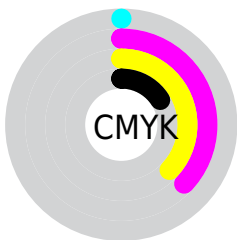
Distribution



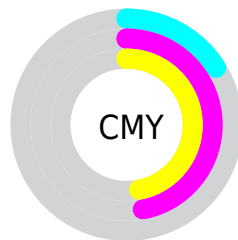
- Red (84%)
- Green (53%)
- Blue (53%)



- 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 33.1953, 0.4023, 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 33.1953, 0.4023, 0.3305 by changing the saturation by 10% instead.


 33.1953, 0.4023,
0.3305


 33.1953, 0.4023,
0.3305


316.5288, 0.3545,
0.3311


 22.2761, 0.4152,
0.3298


 64.6803, 0.3842,
0.3311

 14.0599, 0.4323,
0.3286


 86.0149, 0.3776,
0.3312

 8.1623, 0.4561,
0.3263


 111.5901, 0.3722,
0.3312

 4.1990, 0.4911,
0.3216

141.7903, 0.3675,
0.3312

 1.7855, 0.5474,
0.3112

176.9999, 0.3636,
0.3312

 0.4781, 0.7198,
0.2802

217.6032, 0.3602,


 0.0000, 1.0000,


0.3312


0.0000


263.9848, 0.3572,
0.3311

 0.0000, 0.0000,
0.0000


 33.1953, 0.4023,
0.3305


 33.1953, 0.4023,
0.3305

 27.3602, 0.4405,
0.3309


 40.3125, 0.3707,
0.3301

 22.7266, 0.4847,
0.3313


 48.7766, 0.3452,
0.3296


 19.2122, 0.5324,
0.3314

 58.6537, 0.3247,
0.3293

 16.7225, 0.5780,
0.3314

 70.0043, 0.3083,
0.3289

 15.1475, 0.6141,
0.3310

 82.8853, 0.2952,
0.3286

■ 14.3501, 0.6350,
0.3305

■ 92.8850, 0.2877,
0.3289

■ 14.2031, 0.6393,
0.3306

Harmonies

Analogous

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



33.1953, 0.3635, 0.2927



33.1953, 0.4023, 0.3305



33.1953, 0.4143, 0.3706

Triad

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



33.1953, 0.4023, 0.3305



33.1953, 0.3069, 0.4089



33.1953, 0.2325, 0.2523

Complementary

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



33.1953, 0.4023, 0.3305



56.9607, 0.2610, 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.



33.1953, 0.2205, 0.2753



33.1953, 0.4023, 0.3305



33.1953, 0.2609, 0.3682

Square

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



33.1953, 0.4023, 0.3305



33.1953, 0.3567, 0.4213



33.1953, 0.2302, 0.3171



33.1953, 0.2646, 0.2491

Rectangle

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



33.1953, 0.4023, 0.3305



33.1953, 0.4055, 0.3947



33.1953, 0.2302, 0.3171



33.1953, 0.2261, 0.2577

Sweetspot

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



33.1969, 0.4023, 0.3305



81.9070, 0.3324, 0.3294



36.0034, 0.3170, 0.2379



17.0945, 0.3352, 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.



33.1969, 0.4023, 0.3305



43.2471, 0.4298, 0.3308



45.9477, 0.3844, 0.3776



12.4455, 0.3291, 0.3293



8.6877, 0.6391, 0.3308



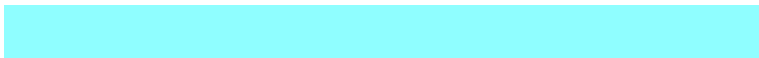
0.5330, 0.6359, 0.3333

Inverse Universe

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



56.9607, 0.2610, 0.3276



83.6660, 0.2529, 0.3272



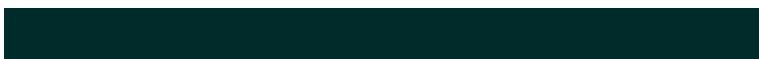
39.9543, 0.2534, 0.2745



14.0798, 0.2983, 0.3287



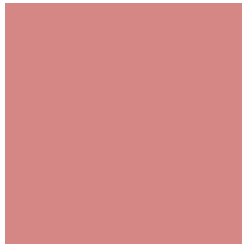
31.2005, 0.2236, 0.3250



1.8906, 0.2238, 0.3257

Previews

White Background



This preview shows how the Yxy color 33.1953, 0.4023, 0.3305 looks on a white background.

Color Contrast Check

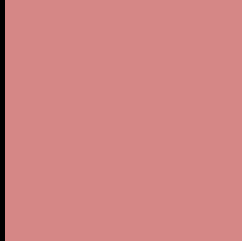
Large Text (above 18pt) WCAG AA × Fail

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 33.1953, 0.4023, 0.3305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

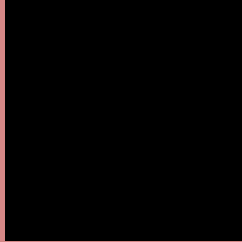
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.1953, 0.4023, 0.3305

Background



This preview shows how black text looks on a background with the Yxy color 33.1953, 0.4023, 0.3305.



This preview shows how white text looks on a background with the Yxy color 33.1953, 0.4023, 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

33.1953, 0.4023, 0.3305

Protanopia

33.5026, 0.3289, 0.3455

Deuteranopia

33.1547, 0.3634, 0.3562



Tritanopia

33.3600, 0.3921, 0.3168

Trichromacy



Original Color

33.1953, 0.4023, 0.3305

Protanomaly

32.9267, 0.3548, 0.3390

Deuteranomaly

33.1232, 0.3774, 0.3469

Tritanomaly

33.2398, 0.3968, 0.3218

Monochromacy



Original Color

33.1953, 0.4023, 0.3305

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.4476, 0.3428, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.1953, 0.4023, 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(213, 135, 134)` looks like.

```
.text, #text, p{  
    color:rgb(213, 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(213, 135, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 135, 134) }
```

Border

The CSS property to change the border of an element to Yxy 33.1953, 0.4023, 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(213, 135, 134) }
```

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

```
.border{ border-color:rgb(213, 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(213, 135, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 135, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 135, 134);  
box-shadow:4px 4px 4px 4px rgb(213, 135,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 33.1953, 0.4023, 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(213, 135, 134) }
```

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

```
.background{ background-color: rgb(213,  
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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