

Converting Colors

$Yxy(33.8866, 0.3589, 0.3320)$

Have a look what the booklet for
Yxy(33.8866, 0.3589, 0.3320)
contains.

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Color

Yxy(33.7306, 0.3594, 0.3319)

Conversions

Conversions Part 1

Format	Color
Hex	BD9391
RGB	189, 147, 145
RGB Percent	74%, 58%, 57%
CMY	0.2589, 0.4235, 0.4314
CMYK	0.00, 0.22, 0.23, 0.26
HSL	3°, 25%, 65%
HSV	3°, 23%, 74%
XYZ	36.5254, 33.7306, 31.3728
YIQ	159.3300, 25.6740, 8.2820

Conversions

Conversions Part 2

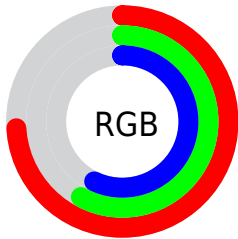
Format	Color
R _Y B	189, 147, 145
Decimal	12424081
CIE Lab	64.75, 15.46, 7.12
CIE LCh	65, 17.024, 24.736
Yxy	33.7306, 0.3594, 0.3319
Android (android.graphics.Color)	4290614161 (0xFFBD9391)
YUV	159.3300, -7.0647, 26.0206
Hunter-Lab	58.0781, 10.6224, 8.6271

Details

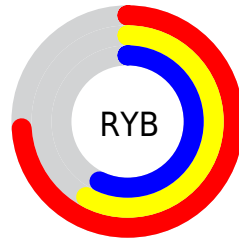
The Yxy color **33.7306, 0.3594, 0.3319** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.2136, 0.2785, 0.3261**, and the grayscale version is **34.8541, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.4896, 0.3500, 0.3312**, and **14.3429, 0.3749, 0.3311** is the 20% darker color. If you saturate the color by 10%, you get **28.0212, 0.3877, 0.3332**, and if you desaturate by 10%, it is **40.4189, 0.3364, 0.3306**.

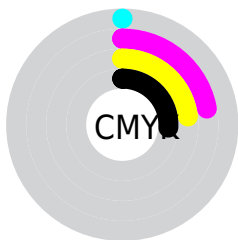
Distribution



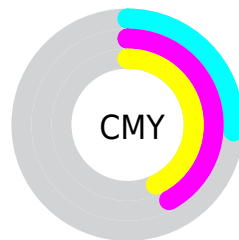
- Red (74%)
- Green (58%)
- Blue (57%)



- Red (74%)
- Yellow (58%)
- Blue (57%)



- Cyan (0%)
- Magenta (22%)
- Yellow (23%)
- Black (26%)




- Cyan (26%)
- Magenta (42%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.7306, 0.3594, 0.3319 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 33.7306, 0.3594, 0.3319 by changing the saturation by 10% instead.


 33.7306, 0.3594,
0.3319


 33.7306, 0.3594,
0.3319


318.9291, 0.3346,
0.3308

 22.6867, 0.3661,
0.3321


 65.5145, 0.3500,
0.3316

 14.3624, 0.3750,
0.3322


 87.0233, 0.3466,
0.3314

 8.3731, 0.3875,
0.3322

112.7892, 0.3438,
0.3313

 4.3346, 0.4061,
0.3318

143.1967, 0.3414,
0.3312

 1.8624, 0.4368,
0.3301

178.6300, 0.3393,
0.3310

 0.5257, 0.5939,
0.3558

219.4735, 0.3375,

 0.0000, 0.0000,

0.3309


0.0000


266.1118, 0.3360,
0.3308


 33.7306, 0.3594,
0.3319

 33.7306, 0.3594,
0.3319


 28.0212, 0.3877,
0.3332


 40.4189, 0.3364,
0.3306


 23.2405, 0.4221,
0.3345


 48.1242, 0.3179,
0.3294


 19.3407, 0.4626,
0.3356

 56.8880, 0.3030,
0.3283

 16.2681, 0.5079,
0.3362

 66.7482, 0.2909,
0.3273

 13.9630, 0.5542,
0.3361

 77.7410, 0.2811,
0.3263

■ 12.3577, 0.5953,
0.3351

■ 89.5552, 0.2747,
0.3289

■ 11.3728, 0.6245,
0.3332

■ 11.0034, 0.6369,
0.3325

Harmonies

Analogous

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



33.7306, 0.3402, 0.3104



33.7306, 0.3594, 0.3319



33.7306, 0.3654, 0.3537

Triad

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



33.7306, 0.3594, 0.3319



33.7306, 0.3098, 0.3683



33.7306, 0.2699, 0.2878

Complementary

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



33.7306, 0.3594, 0.3319



45.2136, 0.2785, 0.3261

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.



33.7306, 0.2626, 0.3011



33.7306, 0.3594, 0.3319



33.7306, 0.2850, 0.3483

Square

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



33.7306, 0.3594, 0.3319



33.7306, 0.3361, 0.3762



33.7306, 0.2680, 0.3232



33.7306, 0.2883, 0.2854

Rectangle

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



33.7306, 0.3594, 0.3319



33.7306, 0.3611, 0.3657



33.7306, 0.2680, 0.3232



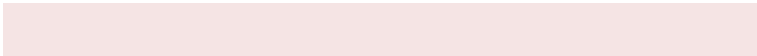
33.7306, 0.2661, 0.2911

Sweetspot

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



33.7322, 0.3594, 0.3319



80.6942, 0.3246, 0.3298



34.6753, 0.3168, 0.2737



17.1733, 0.3257, 0.3299



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.7322, 0.3594, 0.3319



54.9225, 0.3733, 0.3326



41.0316, 0.3530, 0.3606



9.6047, 0.3287, 0.3301



7.4367, 0.6361, 0.3331



0.3156, 0.6212, 0.3450

Inverse Universe

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



45.2136, 0.2785, 0.3261



79.1393, 0.2716, 0.3254



36.7906, 0.2761, 0.2952



10.7324, 0.2985, 0.3279



24.5556, 0.2208, 0.3148



0.9852, 0.2218, 0.3184

Previews

White Background



This preview shows how the Yxy color 33.7306, 0.3594, 0.3319 looks on a white background.

Color Contrast Check

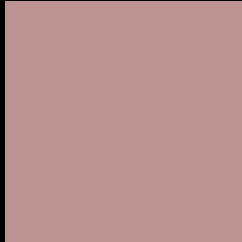
Large Text (above 18pt) WCAG AA × Fail

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 33.7306, 0.3594, 0.3319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

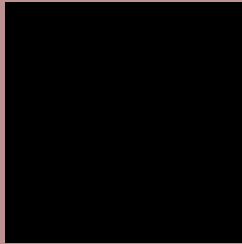
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.7306, 0.3594, 0.3319

Background



This preview shows how black text looks on a background with the Yxy color 33.7306, 0.3594, 0.3319.



This preview shows how white text looks on a background with the Yxy color 33.7306, 0.3594, 0.3319.

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

33.7306, 0.3594, 0.3319

Protanopia

33.9973, 0.3241, 0.3394

Deuteranopia

33.8172, 0.3463, 0.3405



Tritanopia

33.5982, 0.3494, 0.3142

Trichromacy



Original Color

33.7306, 0.3594, 0.3319

Protanomaly

33.6912, 0.3369, 0.3363

Deuteranomaly

33.6501, 0.3511, 0.3376

Tritanomaly

33.7719, 0.3534, 0.3210

Monochromacy



Original Color

33.7306, 0.3594, 0.3319

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.3218, 0.3287, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.7306, 0.3594, 0.3319 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(189, 147, 145)` looks like.

```
.text, #text, p{  
    color:rgb(189, 147, 145)  
}
```

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(189, 147, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 147, 145) }
```

Border

The CSS property to change the border of an element to Yxy 33.7306, 0.3594, 0.3319 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(189, 147, 145) }
```

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

```
.border{ border-color:rgb(189, 147, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 147, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 147, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 147, 145);  
box-shadow:4px 4px 4px 4px rgb(189, 147,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 33.7306, 0.3594, 0.3319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 147, 145) }
```

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

```
.background{ background-color: rgb(189,  
147, 145) }
```

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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