

Converting Colors

$Yxy(33.1739, 0.3590, 0.3333)$

Have a look what the booklet for
Yxy(33.1739, 0.3590, 0.3333)
contains.

Yxy(33.1057, 0.3597, 0.3333)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(33.1057, 0.3597, 0.3333)

Conversions

Conversions Part 1

Format	Color
Hex	BB928F
RGB	187, 146, 143
RGB Percent	73%, 57%, 56%
CMY	0.2667, 0.4274, 0.4392
CMYK	0.00, 0.22, 0.24, 0.27
HSL	4°, 24%, 65%
HSV	4°, 24%, 73%
XYZ	35.7279, 33.1057, 30.4934
YIQ	157.9170, 25.3990, 7.7590

Conversions

Conversions Part 2

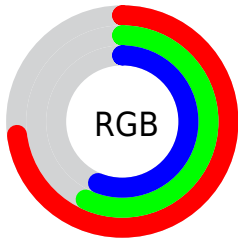
Format	Color
RYB	187, 146, 143
Decimal	12292751
CIELab	64.25, 14.96, 7.50
CIElCh	64, 16.737, 26.640
Yxy	33.1057, 0.3597, 0.3333
Android (android.graphics.Color)	4290482831 (0xFFBB928F)
YUV	157.9170, -7.3541, 25.5058
Hunter-Lab	57.5376, 10.1488, 8.8541

Details

The Yxy color **33.1057, 0.3597, 0.3333** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.6989, 0.2781, 0.3247**, and the grayscale version is **34.1782, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.5729, 0.3502, 0.3323**, and **13.9613, 0.3755, 0.3330** is the 20% darker color. If you saturate the color by 10%, you get **27.6189, 0.3878, 0.3353**, and if you desaturate by 10%, it is **39.5083, 0.3368, 0.3314**.

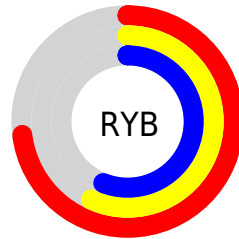
Distribution



Red (73%)

Green (57%)

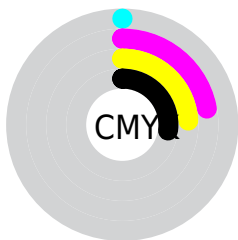
Blue (56%)



Red (73%)

Yellow (57%)

Blue (56%)

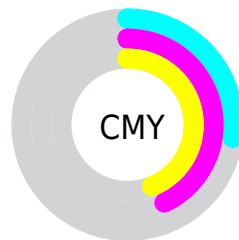


Cyan (0%)

Magenta (22%)

Yellow (24%)

Black (27%)



Cyan (27%)


Magenta (43%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.1057, 0.3597, 0.3333 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 33.1057, 0.3597, 0.3333 by changing the saturation by 10% instead.

 33.1057, 0.3597,
0.3333


 33.1057, 0.3597,
0.3333


316.1258, 0.3347,
0.3314

 22.2074, 0.3665,
0.3337


 64.5405, 0.3502,
0.3327

 14.0094, 0.3756,
0.3340


 85.8459, 0.3468,
0.3324

 8.1272, 0.3883,
0.3343


111.3890, 0.3439,
0.3322

 4.1764, 0.4073,
0.3344

141.5544, 0.3415,
0.3320

 1.7727, 0.4389,
0.3334

176.7263, 0.3394,
0.3319

 0.4701, 0.6333,
0.3667


217.2893, 0.3376,


 0.0000, 0.0000,


0.3317

0.0000

263.6276, 0.3361,
0.3316


 33.1057, 0.3597,
0.3333


 33.1057, 0.3597,
0.3333


 27.6189, 0.3878,
0.3353


 39.5083, 0.3368,
0.3314


 23.0018, 0.4217,
0.3371


 46.8611, 0.3184,
0.3296

 19.2110, 0.4617,
0.3387

 55.2022, 0.3034,
0.3280

 16.1978, 0.5062,
0.3396

 64.5665, 0.2912,
0.3265

 13.9082, 0.5519,
0.3394

 74.9868, 0.2813,
0.3251

■ 12.2813, 0.5928,
0.3379

■ 86.4824, 0.2732,
0.3241

■ 11.2463, 0.6225,
0.3352

■ 89.3032, 0.2736,
0.3289

■ 10.8458, 0.6351,
0.3339

Harmonies

Analogous

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



33.1057, 0.3414, 0.3118



33.1057, 0.3597, 0.3333



33.1057, 0.3648, 0.3547

Triad

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



33.1057, 0.3597, 0.3333



33.1057, 0.3081, 0.3669



33.1057, 0.2712, 0.2877

Complementary

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



33.1057, 0.3597, 0.3333



43.6989, 0.2781, 0.3247

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.



33.1057, 0.2632, 0.3003



33.1057, 0.3597, 0.3333



33.1057, 0.2840, 0.3466

Square

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



33.1057, 0.3597, 0.3333



33.1057, 0.3343, 0.3756



33.1057, 0.2678, 0.3217



33.1057, 0.2900, 0.2861

Rectangle

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



33.1057, 0.3597, 0.3333



33.1057, 0.3599, 0.3662



33.1057, 0.2678, 0.3217



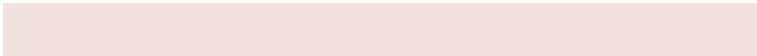
33.1057, 0.2672, 0.2908

Sweetspot

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



33.1072, 0.3597, 0.3333



79.0129, 0.3245, 0.3302



33.6713, 0.3182, 0.2749



17.2226, 0.3256, 0.3303



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.



33.1072, 0.3597, 0.3333



54.2583, 0.3728, 0.3343



40.5245, 0.3531, 0.3628



9.6384, 0.3287, 0.3306



7.5144, 0.6341, 0.3347



0.3306, 0.6127, 0.3517

Inverse Universe

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



43.6989, 0.2781, 0.3247



76.3948, 0.2715, 0.3237



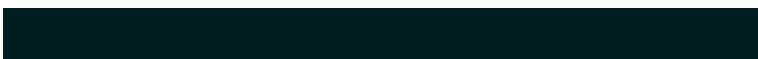
35.2894, 0.2756, 0.2927



10.6947, 0.2985, 0.3274



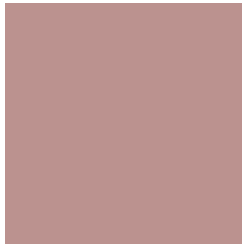
23.4279, 0.2188, 0.3078



0.9516, 0.2203, 0.3132

Previews

White Background



This preview shows how the Yxy color 33.1057, 0.3597, 0.3333 looks on a white background.

Color Contrast Check

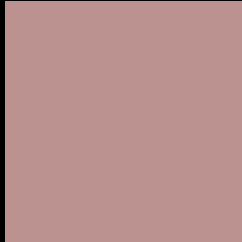
Large Text (above 18pt) WCAG AA × Fail

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 33.1057, 0.3597, 0.3333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

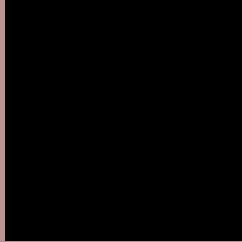
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.1057, 0.3597, 0.3333

Background



This preview shows how black text looks on a background with the Yxy color 33.1057, 0.3597, 0.3333.



This preview shows how white text looks on a background with the Yxy color 33.1057, 0.3597, 0.3333.

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

33.1057, 0.3597, 0.3333

Protanopia

33.1579, 0.3252, 0.3395

Deuteranopia

32.9958, 0.3478, 0.3406



Tritanopia

33.0044, 0.3486, 0.3141

Trichromacy



Original Color

33.1057, 0.3597, 0.3333

Protanomaly

33.0778, 0.3370, 0.3378

Deuteranomaly

33.1512, 0.3524, 0.3390

Tritanomaly

33.1765, 0.3526, 0.3209

Monochromacy



Original Color

33.1057, 0.3597, 0.3333

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.8461, 0.3288, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.1057, 0.3597, 0.3333 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(187, 146, 143)` looks like.

```
.text, #text, p{  
    color:rgb(187, 146, 143)  
}
```

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(187, 146, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 146, 143) }
```

Border

The CSS property to change the border of an element to Yxy 33.1057, 0.3597, 0.3333 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(187, 146, 143) }
```

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

```
.border{ border-color:rgb(187, 146, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 146, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 146, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 146, 143);  
box-shadow:4px 4px 4px 4px rgb(187, 146,  
143) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 33.1057, 0.3597, 0.3333$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 146, 143) }
```

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

```
.background{ background-color: rgb(187,  
146, 143) }
```

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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