

Converting Colors

$Y_{xy}(33.1995, 0.3758, 0.3500)$

Have a look what the booklet for
Yxy(33.1995, 0.3758, 0.3500)
contains.

| | |
|---|----|
| Yxy(33.1436, 0.3758, 0.3498) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(33.1436, 0.3758, 0.3498)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | BE9283 |
| RGB | 190, 146, 131 |
| RGB Percent | 75%, 57%, 51% |
| CMY | 0.2550, 0.4274, 0.4862 |
| CMYK | 0.00, 0.23, 0.31, 0.25 |
| HSL | 15°, 31%, 63% |
| HSV | 15°, 31%, 75% |
| XYZ | 35.6071, 33.1436, 25.9994 |
| YIQ | 157.4460, 31.0390, 4.6630 |

Conversions

Conversions Part 2

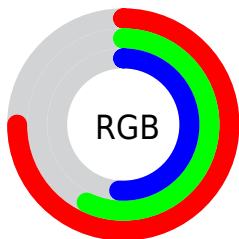
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 190, 151, 131 |
| Decimal | 12489347 |
| CIELab | 64.28, 14.42, 14.33 |
| CIELCh | 64, 20.330, 44.818 |
| Yxy | 33.1436, 0.3758, 0.3498 |
| Android (android.graphics.Color) | 4290679427 (0xFFBE9283) |
| YUV | 157.4460, -13.0379, 28.5499 |
| Hunter-Lab | 57.5705, 9.6532, 13.5233 |

Details

The Yxy color **33.1436, 0.3758, 0.3498** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.1954, 0.2662, 0.3071**, and the grayscale version is **33.9784, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.5434, 0.3629, 0.3462**, and **13.9445, 0.3961, 0.3539** is the 20% darker color. If you saturate the color by 10%, you get **28.5757, 0.4043, 0.3567**, and if you desaturate by 10%, it is **38.3503, 0.3516, 0.3428**.

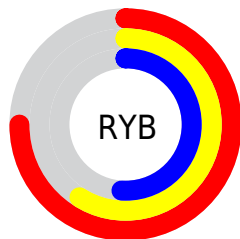
Distribution



Red (75%)

Green (57%)

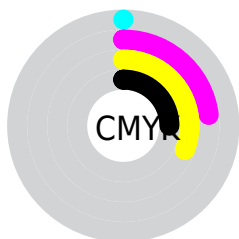
Blue (51%)



Red (75%)

Yellow (59%)

Blue (51%)

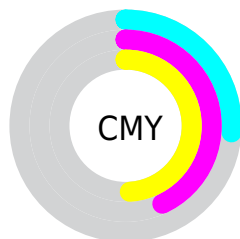


Cyan (0%)

Magenta (23%)

Yellow (31%)

Black (25%)



Cyan (26%)


Magenta (43%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.1436, 0.3758, 0.3498 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 33.1436, 0.3758, 0.3498 by changing the saturation by 10% instead.


 33.1436, 0.3758,
0.3498


 33.1436, 0.3758,
0.3498


316.2963, 0.3422,
0.3396

 22.2365, 0.3849,
0.3522


 64.5997, 0.3631,
0.3462

 14.0308, 0.3970,
0.3552


 85.9174, 0.3584,
0.3448

 8.1421, 0.4139,
0.3589


 111.4741, 0.3546,
0.3436

 4.1860, 0.4388,
0.3634

141.6542, 0.3513,
0.3426

 1.7781, 0.4810,
0.3695

176.8421, 0.3486,
0.3417

 0.4735, 0.6288,
0.3712


217.4221, 0.3461,


 0.0000, 0.0000,


0.3409


0.0000


263.7787, 0.3440,
0.3402


 33.1436, 0.3758,
0.3498


 33.1436, 0.3758,
0.3498


 28.5757, 0.4043,
0.3567


 38.3503, 0.3516,
0.3428


 24.6169, 0.4372,
0.3630


 44.2145, 0.3313,
0.3360


 21.2424, 0.4739,
0.3678

 50.7602, 0.3143,
0.3296

 18.4235, 0.5127,
0.3701


 58.0083, 0.3001,
0.3237


 16.1289, 0.5507,
0.3689


 65.9793, 0.2882,
0.3184

 14.3242, 0.5836,
0.3635

 74.6925, 0.2782,
0.3134

 13.0841, 0.6071,
0.3562

 83.5732, 0.2742,
0.3184

 89.6840, 0.2752,
0.3289

Harmonies

Analogous

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



33.1436, 0.3628, 0.3234



33.1436, 0.3758, 0.3498



33.1436, 0.3708, 0.3727

Triad

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



33.1436, 0.3758, 0.3498



33.1436, 0.2885, 0.3616



33.1436, 0.2749, 0.2766

Complementary

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



33.1436, 0.3758, 0.3498



39.1954, 0.2662, 0.3071

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.



33.1436, 0.2572, 0.2835



33.1436, 0.3758, 0.3498



33.1436, 0.2646, 0.3318

Square

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



33.1436, 0.3758, 0.3498



33.1436, 0.3196, 0.3817



33.1436, 0.2535, 0.3031



33.1436, 0.3033, 0.2825

Rectangle

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



33.1436, 0.3758, 0.3498



33.1436, 0.3583, 0.3826



33.1436, 0.2535, 0.3031



33.1436, 0.2676, 0.2774

Sweetspot

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



33.1452, 0.3758, 0.3498



82.2913, 0.3278, 0.3348



30.2859, 0.3314, 0.2705



17.7019, 0.3305, 0.3357



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



33.1452, 0.3758, 0.3498



54.5160, 0.3940, 0.3544



43.3350, 0.3643, 0.3878



9.9202, 0.3282, 0.3349



8.8112, 0.6048, 0.3580



0.4541, 0.5565, 0.3963

Inverse Universe

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



39.1954, 0.2662, 0.3071



67.1382, 0.2570, 0.3017



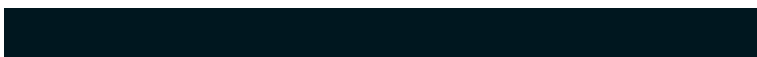
29.0264, 0.2610, 0.2622



10.3874, 0.2985, 0.3230



15.4025, 0.2015, 0.2455



0.7024, 0.2077, 0.2678

Previews

White Background



This preview shows how the Yxy color 33.1436, 0.3758, 0.3498 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 33.1436, 0.3758, 0.3498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

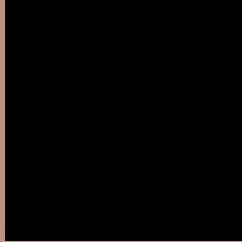
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.1436, 0.3758, 0.3498

Background



This preview shows how black text looks on a background with the Yxy color 33.1436, 0.3758, 0.3498.



This preview shows how white text looks on a background with the Yxy color 33.1436, 0.3758, 0.3498.

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

33.1436, 0.3758, 0.3498

Protanopia

33.4470, 0.3396, 0.3590

Deuteranopia

33.1277, 0.3645, 0.3577



Tritanopia

33.1845, 0.3542, 0.3143

Trichromacy



Original Color

33.1436, 0.3758, 0.3498

Protanomaly

33.0619, 0.3522, 0.3554

Deuteranomaly

33.2969, 0.3692, 0.3559

Tritanomaly

33.0982, 0.3614, 0.3264

Monochromacy



Original Color

33.1436, 0.3758, 0.3498

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.3556, 0.3338, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.1436, 0.3758, 0.3498 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(190, 146, 131)` looks like.

```
.text, #text, p{  
    color:rgb(190, 146, 131)  
}
```

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(190, 146, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 146, 131) }
```

Border

The CSS property to change the border of an element to Yxy 33.1436, 0.3758, 0.3498 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(190, 146, 131) }
```

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

```
.border{ border-color:rgb(190, 146, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 146, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 146, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 146, 131);  
box-shadow:4px 4px 4px 4px rgb(190, 146,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 33.1436, 0.3758, 0.3498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 146, 131) }
```

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

```
.background{ background-color: rgb(190,  
146, 131) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor