

Converting Colors

$Yxy(33.2444, 0.4128, 0.3556)$

Have a look what the booklet for
Yxy(33.2444, 0.4128, 0.3556)
contains.

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Color

Yxy(33.1831, 0.4132, 0.3560)

Conversions

Conversions Part 1

Format	Color
Hex	D08B76
RGB	208, 139, 118
RGB Percent	82%, 55%, 46%
CMY	0.1843, 0.4549, 0.5373
CMYK	0.00, 0.33, 0.43, 0.18
HSL	14°, 49%, 64%
HSV	14°, 43%, 82%
XYZ	38.5148, 33.1831, 21.5131
YIQ	157.2370, 47.8650, 8.0970

Conversions

Conversions Part 2

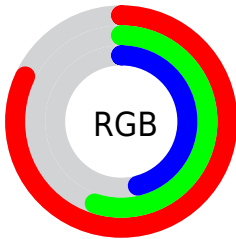
Format	Color
R _Y B	208, 145, 118
Decimal	13667190
CIE Lab	64.31, 23.84, 21.98
CIE LCh	64, 32.423, 42.672
Yxy	33.1831, 0.4132, 0.3560
Android (android.graphics.Color)	4291857270 (0xFFD08B76)
YUV	157.2370, -19.3438, 44.5192
Hunter-Lab	57.6048, 18.5374, 18.1809

Details

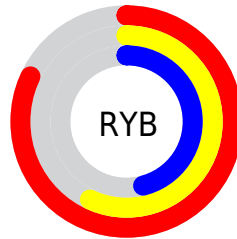
The Yxy color **33.1831, 0.4132, 0.3560** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.9418, 0.2495, 0.2993**, and the grayscale version is **33.9026, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.3022, 0.3831, 0.3533**, and **13.9884, 0.4473, 0.3612** is the 20% darker color. If you saturate the color by 10%, you get **28.4577, 0.4480, 0.3615**, and if you desaturate by 10%, it is **38.6942, 0.3829, 0.3497**.

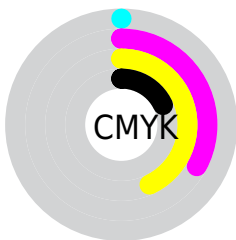
Distribution



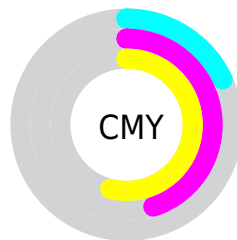
- Red (82%)
- Green (55%)
- Blue (46%)



- Red (82%)
- Yellow (57%)
- Blue (46%)



- Cyan (0%)
- Magenta (33%)
- Yellow (43%)
- Black (18%)





- Cyan (18%)
- Magenta (45%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.1831, 0.4132, 0.3560 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 33.1831, 0.4132, 0.3560 by changing the saturation by 10% instead.


 33.1831, 0.4132,
0.3560

 33.1831, 0.4132,
0.3560


316.4740, 0.3597,
0.3438

 22.2667, 0.4275,
0.3584


 64.6613, 0.3930,
0.3520

 14.0530, 0.4463,
0.3609


 85.9919, 0.3857,
0.3504

 8.1576, 0.4721,
0.3633


 111.5628, 0.3795,
0.3489

 4.1959, 0.5091,
0.3642

141.7582, 0.3743,
0.3477

 1.7838, 0.5870,
0.3735

176.9627, 0.3699,
0.3466

 0.4770, 0.6877,
0.3123

217.5605, 0.3660,

 0.0000, 0.0000,

0.3455

0.0000

263.9362, 0.3627,
0.3447

■ 33.1831, 0.4132,
0.3560

■ 33.1831, 0.4132,
0.3560

■ 28.4577, 0.4480,
0.3615

■ 38.6942, 0.3829,
0.3497

■ 24.4769, 0.4866,
0.3654

■ 45.0200, 0.3573,
0.3432

■ 21.2031, 0.5267,
0.3665


■ 52.1940, 0.3358,
0.3369


■ 18.5931, 0.5647,
0.3640


■ 60.2462, 0.3179,
0.3309

■ 16.5986, 0.5960,
0.3575

■ 69.2053, 0.3030,
0.3253

 15.5693, 0.6124,
0.3519

 79.0986, 0.2906,
0.3202

 89.3859, 0.2847,
0.3244

 92.1498, 0.2849,
0.3289

Harmonies

Analogous

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



33.1831, 0.3904, 0.3159



33.1831, 0.4132, 0.3560



33.1831, 0.4061, 0.3934

Triad

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



33.1831, 0.4132, 0.3560



33.1831, 0.2766, 0.3855



33.1831, 0.2508, 0.2482

Complementary

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



33.1831, 0.4132, 0.3560



43.9418, 0.2495, 0.2993

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.



33.1831, 0.2258, 0.2586



33.1831, 0.4132, 0.3560



33.1831, 0.2394, 0.3358

Square

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



33.1831, 0.4132, 0.3560



33.1831, 0.3255, 0.4169



33.1831, 0.2217, 0.2889



33.1831, 0.2934, 0.2566

Rectangle

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



33.1831, 0.4132, 0.3560



33.1831, 0.3864, 0.4119



33.1831, 0.2217, 0.2889



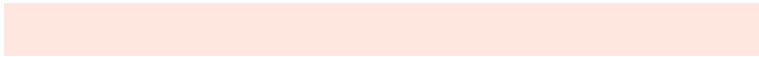
33.1831, 0.2402, 0.2495

Sweetspot

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



33.1847, 0.4132, 0.3560



82.8906, 0.3355, 0.3368



29.9537, 0.3398, 0.2455



17.1721, 0.3400, 0.3382



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.



33.1847, 0.4132, 0.3560



45.5732, 0.4456, 0.3612



48.9982, 0.3882, 0.4098



12.2497, 0.3285, 0.3345



9.8277, 0.6101, 0.3538



0.6741, 0.5735, 0.3828

Inverse Universe

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



43.9418, 0.2495, 0.2993



64.7235, 0.2380, 0.2918



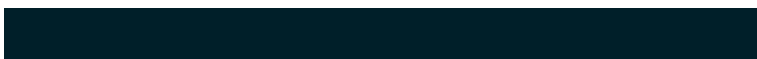
27.7505, 0.2381, 0.2316



12.9197, 0.2983, 0.3234



18.5425, 0.2034, 0.2524



1.1532, 0.2078, 0.2680

Previews

White Background



This preview shows how the Yxy color 33.1831, 0.4132, 0.3560 looks on a white background.

Color Contrast Check

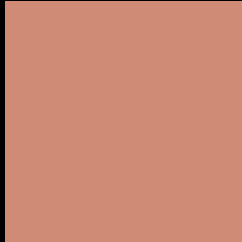
Large Text (above 18pt) WCAG AA × Fail

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 33.1831, 0.4132, 0.3560 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 33.1831, 0.4132, 0.3560

Background



This preview shows how black text looks on a background with the Yxy color 33.1831, 0.4132, 0.3560.



This preview shows how white text looks on a background with the Yxy color 33.1831, 0.4132, 0.3560.

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

33.1831, 0.4132, 0.3560

Protanopia

33.3903, 0.3514, 0.3739

Deuteranopia

33.3879, 0.3844, 0.3767



Tritanopia

33.0739, 0.3863, 0.3166

Trichromacy



Original Color

33.1831, 0.4132, 0.3560

Protanomaly

33.0665, 0.3728, 0.3676

Deuteranomaly

33.1796, 0.3941, 0.3686

Tritanomaly

32.9129, 0.3964, 0.3305

Monochromacy



Original Color

33.1831, 0.4132, 0.3560

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.0260, 0.3468, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.1831, 0.4132, 0.3560 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(208, 139, 118)` looks like.

```
.text, #text, p{  
    color:rgb(208, 139, 118)  
}
```

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(208, 139, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 139, 118) }
```

Border

The CSS property to change the border of an element to Yxy 33.1831, 0.4132, 0.3560 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(208, 139, 118) }
```

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

```
.border{ border-color:rgb(208, 139, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 139, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 139, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 139, 118);  
box-shadow:4px 4px 4px 4px rgb(208, 139,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 33.1831, 0.4132, 0.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 139, 118) }
```

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

```
.background{ background-color: rgb(208,  
139, 118) }
```

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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