

Converting Colors

$Y_{xy}(32.1890, 0.4195, 0.3832)$

Have a look what the booklet for
Yxy(32.1890, 0.4195, 0.3832)
contains.

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Color

Yxy(32.2914, 0.4189, 0.3831)

Conversions

Conversions Part 1

Format	Color
Hex	C68E65
RGB	198, 142, 101
RGB Percent	78%, 56%, 40%
CMY	0.2236, 0.4431, 0.6038
CMYK	0.00, 0.28, 0.49, 0.22
HSL	25°, 46%, 59%
HSV	25°, 49%, 78%
XYZ	35.3090, 32.2914, 16.6894
YIQ	154.0700, 46.5370, -0.8790

Conversions

Conversions Part 2

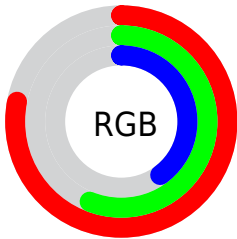
Format	Color
R_{YB}	198, 172, 101
Decimal	13012581
CIE _{Lab}	63.58, 16.40, 30.18
CIE _{LCh}	64, 34.348, 61.473
Yxy	32.2914, 0.4189, 0.3831
Android (android.graphics.Color)	4291202661 (0xFFC68E65)
YUV	154.0700, -26.1635, 38.5266
Hunter-Lab	56.8255, 11.4677, 22.3647

Details

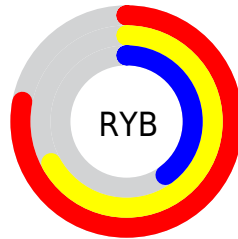
The Yxy color **32.2914, 0.4189, 0.3831** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **30.9585, 0.2370, 0.2657**, and the grayscale version is **32.4504, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.0069, 0.3967, 0.3750**, and **13.5741, 0.4519, 0.3969** is the 20% darker color. If you saturate the color by 10%, you get **28.7215, 0.4486, 0.3924**, and if you desaturate by 10%, it is **36.3067, 0.3916, 0.3723**.

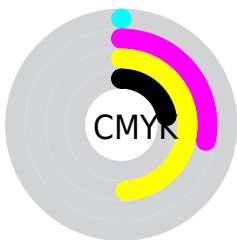
Distribution



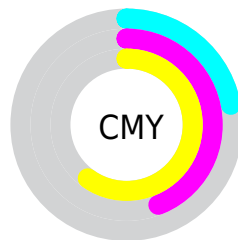
- Red (78%)
- Green (56%)
- Blue (40%)



- Red (78%)
- Yellow (67%)
- Blue (40%)



- Cyan (0%)
- Magenta (28%)
- Yellow (49%)
- Black (22%)





- Cyan (22%)
- Magenta (44%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.2914, 0.4189, 0.3831 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 32.2914, 0.4189, 0.3831 by changing the saturation by 10% instead.


 32.2914, 0.4189,
0.3831


 32.2914, 0.4189,
0.3831


312.4445, 0.3627,
0.3570


 21.5842, 0.4336,
0.3889


 63.2676, 0.3979,
0.3741

 13.5517, 0.4527,
0.3956


 84.3054, 0.3901,
0.3705

 7.8095, 0.4782,
0.4030


 109.5555, 0.3837,
0.3675

 3.9733, 0.5138,
0.4105

 139.4023, 0.3782,
0.3648

 1.6586, 0.5774,
0.4226

174.2303, 0.3735,
0.3625

 0.3967, 0.6622,
0.3378

214.4237, 0.3694,

 0.0000, 0.0000,

0.3604

0.0000

260.3670, 0.3658,
0.3586

■ 32.2914, 0.4189,
0.3831

■ 32.2914, 0.4189,
0.3831

■ 28.7215, 0.4486,
0.3924

■ 36.3067, 0.3916,
0.3723

■ 25.5750, 0.4796,
0.3989

■ 40.7789, 0.3672,
0.3608

■ 22.8348, 0.5102,
0.4013


■ 45.7248, 0.3458,
0.3494

■ 20.4802, 0.5381,
0.3987

■ 51.1588, 0.3272,
0.3384

■ 18.4836, 0.5616,
0.3912

■ 57.0946, 0.3112,
0.3280

 18.2966, 0.5640,
0.3904

 63.5456, 0.2974,
0.3183

 70.5243, 0.2855,
0.3094

 77.7554, 0.2777,
0.3058

 84.4544, 0.2786,
0.3182

Harmonies

Analogous

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



32.2914, 0.4147, 0.3412



32.2914, 0.4189, 0.3831



32.2914, 0.3926, 0.4163

Triad

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



32.2914, 0.4189, 0.3831



32.2914, 0.2471, 0.3568



32.2914, 0.2732, 0.2467

Complementary

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



32.2914, 0.4189, 0.3831



30.9585, 0.2370, 0.2657

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.



32.2914, 0.2344, 0.2448



32.2914, 0.4189, 0.3831



32.2914, 0.2203, 0.3029

Square

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



32.2914, 0.4189, 0.3831



32.2914, 0.2926, 0.4058



32.2914, 0.2161, 0.2633



32.2914, 0.3262, 0.2665

Rectangle

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



32.2914, 0.4189, 0.3831



32.2914, 0.3630, 0.4271



32.2914, 0.2161, 0.2633



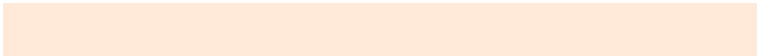
32.2914, 0.2583, 0.2439

Sweetspot

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



32.2930, 0.4189, 0.3831



84.4884, 0.3385, 0.3452



23.7702, 0.3672, 0.2561



17.6526, 0.3426, 0.3476



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.



32.2930, 0.4189, 0.3831



50.3299, 0.4514, 0.3931



49.7303, 0.3884, 0.4387



11.3616, 0.3279, 0.3388



12.0621, 0.5617, 0.3922



0.7139, 0.5249, 0.4214

Inverse Universe

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



30.9585, 0.2370, 0.2657



47.6342, 0.2219, 0.2484



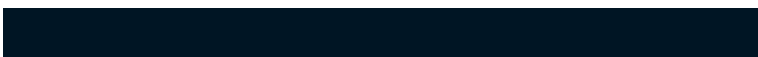
17.8040, 0.2224, 0.1882



11.2872, 0.2983, 0.3190



10.6952, 0.1849, 0.1857



0.6476, 0.1941, 0.2186

Previews

White Background



This preview shows how the Yxy color 32.2914, 0.4189, 0.3831 looks on a white background.

Color Contrast Check

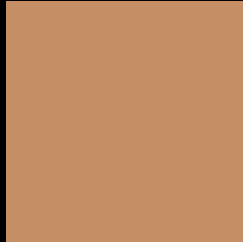
Large Text (above 18pt) WCAG AA × Fail

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 32.2914, 0.4189, 0.3831 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 32.2914, 0.4189, 0.3831

Background



This preview shows how black text looks on a background with the Yxy color 32.2914, 0.4189, 0.3831.



This preview shows how white text looks on a background with the Yxy color 32.2914, 0.4189, 0.3831.

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

32.2914, 0.4189, 0.3831

Protanopia

32.3673, 0.3726, 0.4008

Deuteranopia

32.5390, 0.4028, 0.3955



Tritanopia

32.2402, 0.3760, 0.3161

Trichromacy



Original Color

32.2914, 0.4189, 0.3831

Protanomaly

32.2771, 0.3888, 0.3951

Deuteranomaly

32.4250, 0.4085, 0.3917

Tritanomaly

32.2062, 0.3925, 0.3398

Monochromacy



Original Color

32.2914, 0.4189, 0.3831

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.1080, 0.3485, 0.3513

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2914, 0.4189, 0.3831 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(198, 142, 101)` looks like.

```
.text, #text, p{  
    color:rgb(198, 142, 101)  
}
```

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(198, 142, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 142, 101) }
```

Border

The CSS property to change the border of an element to Yxy 32.2914, 0.4189, 0.3831 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(198, 142, 101) }
```

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

```
.border{ border-color:rgb(198, 142, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 142, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 142, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 142, 101);  
box-shadow:4px 4px 4px 4px rgb(198, 142,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2914, 0.4189, 0.3831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 142, 101) }
```

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

```
.background{ background-color: rgb(198,  
142, 101) }
```

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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