

Converting Colors

Yxy(33.2609, 0.4163, 0.3758)

Have a look what the booklet for
Yxy(33.2609, 0.4163, 0.3758)
contains.

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Color

Yxy(33.2630, 0.4163, 0.3759)

Conversions

Conversions Part 1

Format	Color
Hex	CA8F6B
RGB	202, 143, 107
RGB Percent	79%, 56%, 42%
CMY	0.2078, 0.4392, 0.5804
CMYK	0.00, 0.29, 0.47, 0.21
HSL	23°, 47%, 61%
HSV	23°, 47%, 79%
XYZ	36.8380, 33.2630, 18.3880
YIQ	156.5370, 46.7200, 1.3120

Conversions

Conversions Part 2

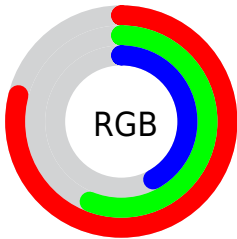
Format	Color
R_{YB}	202, 165, 107
Decimal	13274987
CIE _{Lab}	64.37, 18.11, 28.03
CIE _{LCh}	64, 33.369, 57.127
Yxy	33.2630, 0.4163, 0.3759
Android (android.graphics.Color)	4291465067 (0xFFCA8F6B)
YUV	156.5370, -24.4217, 39.8711
Hunter-Lab	57.6741, 13.0830, 21.4687

Details

The Yxy color **33.2630, 0.4163, 0.3759** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **34.6733, 0.2410, 0.2751**, and the grayscale version is **33.5952, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.6957, 0.3906, 0.3688**, and **13.9898, 0.4493, 0.3858** is the 20% darker color. If you saturate the color by 10%, you get **29.3285, 0.4473, 0.3845**, and if you desaturate by 10%, it is **37.7216, 0.3883, 0.3660**.

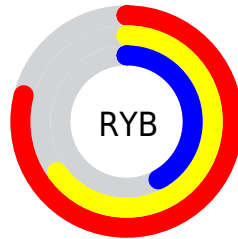
Distribution



Red (79%)

Green (56%)

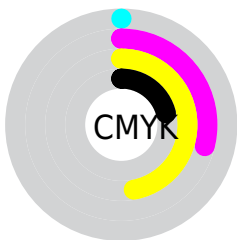
Blue (42%)



Red (79%)

Yellow (65%)

Blue (42%)

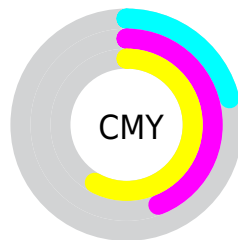


Cyan (0%)

Magenta (29%)

Yellow (47%)

Black (21%)



Cyan (21%)


Magenta (44%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.2630, 0.4163, 0.3759 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 33.2630, 0.4163, 0.3759 by changing the saturation by 10% instead.


 33.2630, 0.4163,
0.3759

 33.2630, 0.4163,
0.3759


316.8332, 0.3615,
0.3535

 22.3280, 0.4307,
0.3808


 64.7859, 0.3958,
0.3682


 14.0981, 0.4494,
0.3864


 86.1426, 0.3883,
0.3652

 8.1889, 0.4746,
0.3926


 111.7420, 0.3820,
0.3626

 4.2161, 0.5094,
0.3982

 141.9685, 0.3766,
0.3603

 1.7952, 0.5837,
0.4163

177.2065, 0.3720,
0.3583

 0.4842, 0.6512,
0.3488


217.8403, 0.3681,


 0.0000, 0.0000,


0.3565


0.0000

264.2544, 0.3646,
0.3549


 33.2630, 0.4163,
0.3759

 33.2630, 0.4163,
0.3759


 29.3285, 0.4473,
0.3845


 37.7216, 0.3883,
0.3660


 25.8925, 0.4802,
0.3906


 42.7189, 0.3637,
0.3557


 22.9340, 0.5132,
0.3930


 48.2751, 0.3423,
0.3454

 20.4283, 0.5439,
0.3905

 54.4075, 0.3240,
0.3356


 18.3465, 0.5695,
0.3830


 61.1329, 0.3083,
0.3263

 17.8017, 0.5766,
0.3804

 68.4672, 0.2950,
0.3178

 76.4257, 0.2835,
0.3100

 84.1149, 0.2808,
0.3167

 91.2998, 0.2816,
0.3289

Harmonies

Analogous

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



33.2630, 0.4076, 0.3351



33.2630, 0.4163, 0.3759



33.2630, 0.3950, 0.4096

Triad

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



33.2630, 0.4163, 0.3759



33.2630, 0.2550, 0.3634



33.2630, 0.2682, 0.2481

Complementary

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



33.2630, 0.4163, 0.3759



34.6733, 0.2410, 0.2751

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.



33.2630, 0.2333, 0.2490



33.2630, 0.4163, 0.3759



33.2630, 0.2260, 0.3111

Square

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



33.2630, 0.4163, 0.3759



33.2630, 0.3008, 0.4076



33.2630, 0.2186, 0.2702



33.2630, 0.3180, 0.2649

Rectangle

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



33.2630, 0.4163, 0.3759



33.2630, 0.3681, 0.4222



33.2630, 0.2186, 0.2702



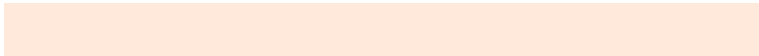
33.2630, 0.2546, 0.2463

Sweetspot

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



33.2646, 0.4163, 0.3759



84.5682, 0.3368, 0.3425



25.8716, 0.3583, 0.2532



17.6302, 0.3410, 0.3447



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.



33.2646, 0.4163, 0.3759



49.8138, 0.4464, 0.3843



50.1685, 0.3882, 0.4300



11.8985, 0.3281, 0.3378



11.6115, 0.5742, 0.3823



0.7442, 0.5375, 0.4114

Inverse Universe

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



34.6733, 0.2410, 0.2751



52.4073, 0.2277, 0.2616



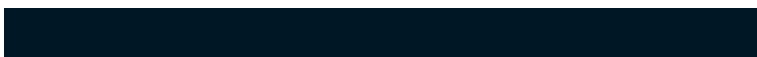
20.7444, 0.2276, 0.2018



11.9852, 0.2983, 0.3200



12.4370, 0.1892, 0.2010



0.7850, 0.1969, 0.2288

Previews

White Background



This preview shows how the Yxy color 33.2630, 0.4163, 0.3759 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 33.2630, 0.4163, 0.3759 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 33.2630, 0.4163, 0.3759

Background



This preview shows how black text looks on a background with the Yxy color 33.2630, 0.4163, 0.3759.



This preview shows how white text looks on a background with the Yxy color 33.2630, 0.4163, 0.3759.

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

33.2630, 0.4163, 0.3759

Protanopia

33.2940, 0.3661, 0.3930

Deuteranopia

33.4181, 0.3967, 0.3899



Tritanopia

33.4369, 0.3774, 0.3164

Trichromacy



Original Color

33.2630, 0.4163, 0.3759

Protanomaly

32.9842, 0.3835, 0.3861

Deuteranomaly

33.1145, 0.4040, 0.3847

Tritanomaly

33.4288, 0.3925, 0.3383

Monochromacy



Original Color

33.2630, 0.4163, 0.3759

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.2048, 0.3471, 0.3480

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.2630, 0.4163, 0.3759 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(202, 143, 107)` looks like.

```
.text, #text, p{  
    color:rgb(202, 143, 107)  
}
```

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(202, 143, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 143, 107) }
```

Border

The CSS property to change the border of an element to Yxy 33.2630, 0.4163, 0.3759 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(202, 143, 107) }
```

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

```
.border{ border-color:rgb(202, 143, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 143, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 143, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 143, 107);  
box-shadow:4px 4px 4px 4px rgb(202, 143,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 33.2630, 0.4163, 0.3759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 143, 107) }
```

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

```
.background{ background-color: rgb(202,  
143, 107) }
```

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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