

Converting Colors

Yxy(33.0669, 0.4138, 0.3694)

Have a look what the booklet for
Yxy(33.0669, 0.4138, 0.3694)
contains.

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Color

Yxy(33.1902, 0.4137, 0.3694)

Conversions

Conversions Part 1

Format	Color
Hex	CB8E6F
RGB	203, 142, 111
RGB Percent	80%, 56%, 44%
CMY	0.2039, 0.4431, 0.5647
CMYK	0.00, 0.30, 0.45, 0.20
HSL	20°, 47%, 62%
HSV	20°, 45%, 80%
XYZ	37.1705, 33.1902, 19.4882
YIQ	156.7050, 46.3070, 3.2910

Conversions

Conversions Part 2

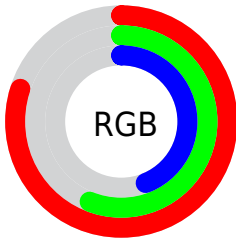
Format	Color
R _Y B	203, 158, 111
Decimal	13340271
CIE Lab	64.31, 19.46, 25.76
CIE LCh	64, 32.285, 52.935
Yxy	33.1902, 0.4137, 0.3694
Android (android.graphics.Color)	4291530351 (0xFFCB8E6F)
YUV	156.7050, -22.5326, 40.6007
Hunter-Lab	57.6109, 14.3489, 20.2714

Details

The Yxy color **33.1902, 0.4137, 0.3694** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **37.1962, 0.2444, 0.2834**, and the grayscale version is **33.6661, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.3842, 0.3878, 0.3637**, and **13.9520, 0.4461, 0.3774** is the 20% darker color. If you saturate the color by 10%, you get **29.0278, 0.4457, 0.3772**, and if you desaturate by 10%, it is **37.9410, 0.3852, 0.3605**.

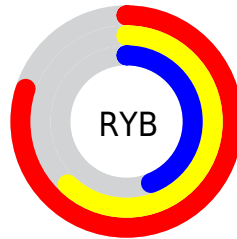
Distribution



Red (80%)

Green (56%)

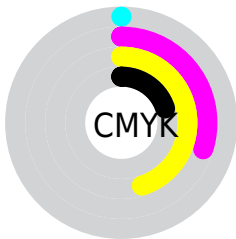
Blue (44%)



Red (80%)

Yellow (62%)

Blue (44%)

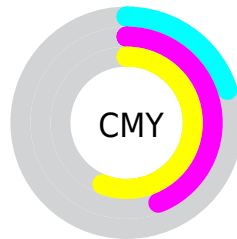


Cyan (0%)

Magenta (30%)

Yellow (45%)

Black (20%)



Cyan (20%)


Magenta (44%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.1902, 0.4137, 0.3694 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 33.1902, 0.4137, 0.3694 by changing the saturation by 10% instead.


 33.1902, 0.4137,
0.3694


 33.1902, 0.4137,
0.3694


316.5059, 0.3601,
0.3503

 22.2722, 0.4279,
0.3735


 64.6724, 0.3936,
0.3629


 14.0570, 0.4464,
0.3782


 86.0053, 0.3862,
0.3603

 8.1603, 0.4716,
0.3834


 111.5787, 0.3801,
0.3580

 4.1977, 0.5069,
0.3879

 141.7769, 0.3749,
0.3561

 1.7848, 0.5904,
0.4096

176.9843, 0.3704,
0.3544

 0.4777, 0.6612,
0.3388

217.5854, 0.3665,

 0.0000, 0.0000,

0.3529

0.0000

263.9644, 0.3631,
0.3515

■ 33.1902, 0.4137,
0.3694

■ 33.1902, 0.4137,
0.3694

■ 29.0278, 0.4457,
0.3772

■ 37.9410, 0.3852,
0.3605

■ 25.4250, 0.4802,
0.3829

■ 43.2981, 0.3604,
0.3512

■ 22.3572, 0.5155,
0.3852


■ 49.2843, 0.3392,
0.3421


■ 19.7962, 0.5486,
0.3829

■ 55.9200, 0.3212,
0.3334


■ 17.7099, 0.5764,
0.3756

■ 63.2244, 0.3059,
0.3253

 16.8795, 0.5879,
0.3714

 71.2160, 0.2929,
0.3178

 79.9125, 0.2819,
0.3110

 88.0882, 0.2818,
0.3234

 91.4360, 0.2822,
0.3289

Harmonies

Analogous

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



33.1902, 0.4010, 0.3295



33.1902, 0.4137, 0.3694



33.1902, 0.3969, 0.4036

Triad

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



33.1902, 0.4137, 0.3694



33.1902, 0.2623, 0.3693



33.1902, 0.2639, 0.2494

Complementary

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



33.1902, 0.4137, 0.3694



37.1962, 0.2444, 0.2834

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.



33.1902, 0.2324, 0.2531



33.1902, 0.4137, 0.3694



33.1902, 0.2313, 0.3185

Square

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



33.1902, 0.4137, 0.3694



33.1902, 0.3083, 0.4090



33.1902, 0.2210, 0.2766



33.1902, 0.3107, 0.2636

Rectangle

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



33.1902, 0.4137, 0.3694



33.1902, 0.3726, 0.4176



33.1902, 0.2210, 0.2766



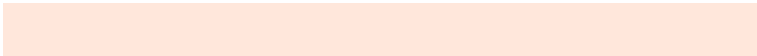
33.1902, 0.2513, 0.2485

Sweetspot

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



33.1918, 0.4137, 0.3694



83.7271, 0.3370, 0.3411



27.0582, 0.3523, 0.2522



17.4265, 0.3413, 0.3430



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.



33.1918, 0.4137, 0.3694



48.9957, 0.4437, 0.3768



49.6675, 0.3871, 0.4234



11.8212, 0.3282, 0.3369



10.8942, 0.5854, 0.3734



0.7019, 0.5471, 0.4038

Inverse Universe

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



37.1962, 0.2444, 0.2834



56.4267, 0.2319, 0.2719



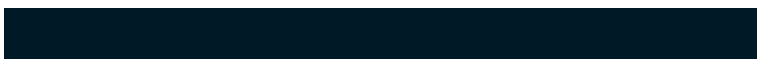
22.7005, 0.2319, 0.2119



12.0654, 0.2983, 0.3210



13.8734, 0.1933, 0.2158



0.8523, 0.2002, 0.2405

Previews

White Background



This preview shows how the Yxy color 33.1902, 0.4137, 0.3694 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 33.1902, 0.4137, 0.3694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

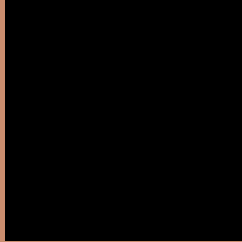
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.1902, 0.4137, 0.3694

Background



This preview shows how black text looks on a background with the Yxy color 33.1902, 0.4137, 0.3694.



This preview shows how white text looks on a background with the Yxy color 33.1902, 0.4137, 0.3694.

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

33.1902, 0.4137, 0.3694

Protanopia

33.2768, 0.3612, 0.3873

Deuteranopia

33.3776, 0.3916, 0.3847



Tritanopia

33.1197, 0.3789, 0.3164

Trichromacy



Original Color

33.1902, 0.4137, 0.3694

Protanomaly

33.0743, 0.3795, 0.3805

Deuteranomaly

33.1997, 0.3998, 0.3794

Tritanomaly

33.1656, 0.3919, 0.3357

Monochromacy



Original Color

33.1902, 0.4137, 0.3694

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.3486, 0.3472, 0.3465

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.1902, 0.4137, 0.3694 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(203, 142, 111)` looks like.

```
.text, #text, p{  
    color:rgb(203, 142, 111)  
}
```

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(203, 142, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 142, 111) }
```

Border

The CSS property to change the border of an element to Yxy 33.1902, 0.4137, 0.3694 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(203, 142, 111) }
```

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

```
.border{ border-color:rgb(203, 142, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 142, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 142, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 142, 111);  
box-shadow:4px 4px 4px 4px rgb(203, 142,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 33.1902, 0.4137, 0.3694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 142, 111) }
```

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

```
.background{ background-color: rgb(203,  
142, 111) }
```

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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