

Converting Colors

Yxy(31.2608, 0.4300, 0.3905)

Have a look what the booklet for
Yxy(31.2608, 0.4300, 0.3905)
contains.

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Color

Yxy(31.2437, 0.4305, 0.3904)

Conversions

Conversions Part 1

Format	Color
Hex	C68B5C
RGB	198, 139, 92
RGB Percent	78%, 55%, 36%
CMY	0.2235, 0.4549, 0.6393
CMYK	0.00, 0.30, 0.54, 0.22
HSL	27°, 48%, 57%
HSV	27°, 54%, 78%
XYZ	34.4529, 31.2437, 14.3334
YIQ	151.2830, 50.2510, -2.1090

Conversions

Conversions Part 2

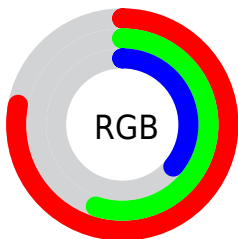
Format	Color
RYB	198, 176, 92
Decimal	13011804
CIELab	62.71, 17.23, 33.97
CIELCh	63, 38.089, 63.112
Yxy	31.2437, 0.4305, 0.3904
Android (android.graphics.Color)	4291201884 (0xFFC68B5C)
YUV	151.2830, -29.2265, 40.9708
Hunter-Lab	55.8961, 12.2047, 23.9236

Details

The Yxy color **31.2437, 0.4305, 0.3904** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **28.4753, 0.2298, 0.2549**, and the grayscale version is **31.1865, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.3831, 0.4053, 0.3812**, and **12.9969, 0.4664, 0.4033** is the 20% darker color. If you saturate the color by 10%, you get **27.9115, 0.4601, 0.3990**, and if you desaturate by 10%, it is **34.9910, 0.4027, 0.3797**.

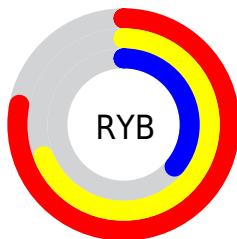
Distribution



Red (78%)

Green (55%)

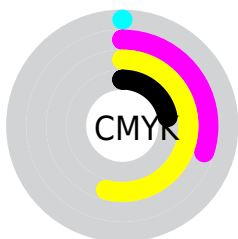
Blue (36%)



Red (78%)

Yellow (69%)

Blue (36%)

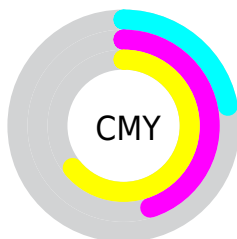


Cyan (0%)

Magenta (30%)

Yellow (54%)

Black (22%)



Cyan (22%)


Magenta (45%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.2437, 0.4305, 0.3904 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 31.2437, 0.4305, 0.3904 by changing the saturation by 10% instead.

 31.2437, 0.4305,
0.3904


 31.2437, 0.4305,
0.3904


307.6595, 0.3681,
0.3610


 20.7845, 0.4467,
0.3966


 61.6236, 0.4073,
0.3804


 12.9666, 0.4674,
0.4036


 82.3130, 0.3987,
0.3764

 7.4055, 0.4947,
0.4108


 107.1813, 0.3915,
0.3729

 3.7170, 0.5376,
0.4213

 136.6128, 0.3854,
0.3699

 1.5165, 0.5842,
0.4158

170.9920, 0.3801,
0.3673

 0.3003, 0.7016,
0.2984


210.7033, 0.3756,


 0.0000, 0.0000,


0.3650


0.0000


256.1310, 0.3716,
0.3629


 31.2437, 0.4305,
0.3904


 31.2437, 0.4305,
0.3904


 27.9115, 0.4601,
0.3990


 34.9910, 0.4027,
0.3797


 24.9732, 0.4902,
0.4043

 39.1643, 0.3774,
0.3679


 22.4120, 0.5187,
0.4050

 43.7798, 0.3549,
0.3558

 20.2075, 0.5437,
0.4003

 48.8512, 0.3353,
0.3440

 18.9577, 0.5579,
0.3952

 54.3916, 0.3182,
0.3328

■ 60.4135, 0.3035,
0.3223

■ 66.9290, 0.2907,
0.3126

■ 73.9496, 0.2797,
0.3037

■ 80.4701, 0.2781,
0.3110

Harmonies

Analogous

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



31.2437, 0.4284, 0.3442



31.2437, 0.4305, 0.3904



31.2437, 0.3989, 0.4275

Triad

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



31.2437, 0.4305, 0.3904



31.2437, 0.2372, 0.3565



31.2437, 0.2713, 0.2388

Complementary

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



31.2437, 0.4305, 0.3904



28.4753, 0.2298, 0.2549

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.



31.2437, 0.2276, 0.2351



31.2437, 0.4305, 0.3904



31.2437, 0.2093, 0.2961

Square

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



31.2437, 0.4305, 0.3904



31.2437, 0.2865, 0.4137



31.2437, 0.2063, 0.2537



31.2437, 0.3310, 0.2615

Rectangle

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



31.2437, 0.4305, 0.3904



31.2437, 0.3650, 0.4396



31.2437, 0.2063, 0.2537



31.2437, 0.2545, 0.2353

Sweetspot

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



31.2452, 0.4305, 0.3904



84.0063, 0.3403, 0.3472



21.9247, 0.3771, 0.2522



17.5746, 0.3443, 0.3496



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.



31.2452, 0.4305, 0.3904



48.6485, 0.4644, 0.4000



50.0118, 0.3938, 0.4493



11.3984, 0.3279, 0.3393



12.4931, 0.5557, 0.3970



0.7354, 0.5202, 0.4251

Inverse Universe

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



28.4753, 0.2298, 0.2549



43.1910, 0.2143, 0.2356



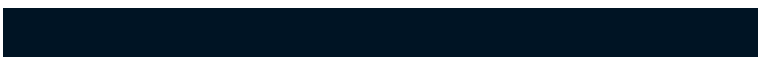
15.2828, 0.2125, 0.1703



11.2498, 0.2983, 0.3185



10.1011, 0.1829, 0.1785



0.6211, 0.1925, 0.2128

Previews

White Background



This preview shows how the Yxy color 31.2437, 0.4305, 0.3904 looks on a white background.

Color Contrast Check

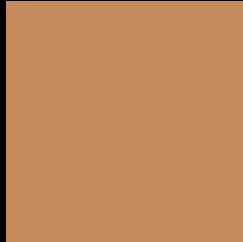
Large Text (above 18pt) WCAG AA × Fail

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 31.2437, 0.4305, 0.3904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

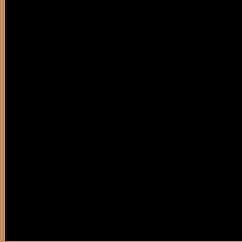
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.2437, 0.4305, 0.3904

Background



This preview shows how black text looks on a background with the Yxy color 31.2437, 0.4305, 0.3904.



This preview shows how white text looks on a background with the Yxy color 31.2437, 0.4305, 0.3904.

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

31.2437, 0.4305, 0.3904

Protanopia

31.4265, 0.3811, 0.4115

Deuteranopia

31.3204, 0.4127, 0.4036



Tritanopia

31.3148, 0.3806, 0.3161

Trichromacy



Original Color

31.2437, 0.4305, 0.3904

Protanomaly

31.1586, 0.3996, 0.4034

Deuteranomaly

31.3474, 0.4197, 0.3993

Tritanomaly

31.2007, 0.4009, 0.3438

Monochromacy



Original Color

31.2437, 0.4305, 0.3904

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.8040, 0.3524, 0.3546

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.2437, 0.4305, 0.3904 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, 139, 92)` looks like.

```
.text, #text, p{  
    color:rgb(198, 139, 92)  
}
```

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, 139, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 139, 92) }
```

Border

The CSS property to change the border of an element to Yxy 31.2437, 0.4305, 0.3904 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, 139, 92) }
```

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

```
.border{ border-color:rgb(198, 139, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 139, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 139, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 139, 92);  
box-shadow:4px 4px 4px 4px rgb(198, 139,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 31.2437, 0.4305, 0.3904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 139, 92) }
```

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

```
.background{ background-color: rgb(198,  
139, 92) }
```

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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