

Converting Colors

$Yxy(31.3923, 0.4551, 0.4032)$

Have a look what the booklet for
Yxy(31.3923, 0.4551, 0.4032)
contains.

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Color

Yxy(31.3923, 0.4551, 0.4032)

Conversions

Conversions Part 1

Format	Color
Hex	CD894C
RGB	205, 137, 76
RGB Percent	80%, 54%, 30%
CMY	0.1960, 0.4628, 0.7019
CMYK	0.00, 0.33, 0.63, 0.20
HSL	28°, 56%, 55%
HSV	28°, 63%, 80%
XYZ	35.4331, 31.3923, 11.0325
YIQ	150.3780, 60.1090, -4.5550

Conversions

Conversions Part 2

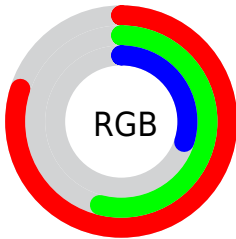
Format	Color
RYB	205, 192, 76
Decimal	13470028
CIELab	62.84, 20.04, 42.69
CIElCh	63, 47.156, 64.854
Yxy	31.3923, 0.4551, 0.4032
Android (android.graphics.Color)	4291660108 (0xFFCD894C)
YUV	150.3780, -36.6684, 47.9035
Hunter-Lab	56.0288, 14.8345, 27.5456

Details

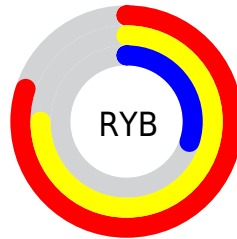
The Yxy color **31.3923, 0.4551, 0.4032** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **25.9095, 0.2153, 0.2326**, and the grayscale version is **30.8098, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.0539, 0.4189, 0.3949**, and **13.0986, 0.4968, 0.4161** is the 20% darker color. If you saturate the color by 10%, you get **28.2312, 0.4838, 0.4093**, and if you desaturate by 10%, it is **34.9555, 0.4267, 0.3937**.

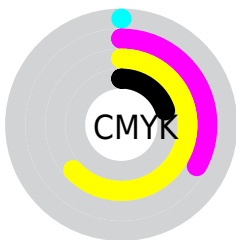
Distribution



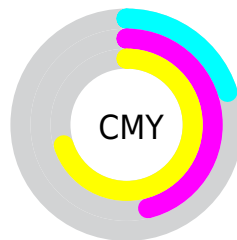
- Red (80%)
- Green (54%)
- Blue (30%)



- Red (80%)
- Yellow (75%)
- Blue (30%)



- Cyan (0%)
- Magenta (33%)
- Yellow (63%)
- Black (20%)




- Cyan (20%)
- Magenta (46%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.3923, 0.4551, 0.4032 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 31.3923, 0.4551, 0.4032 by changing the saturation by 10% instead.


 31.3923, 0.4551,
0.4032

 31.3923, 0.4551,
0.4032


308.3416, 0.3808,
0.3693


 20.8978, 0.4735,
0.4095


 61.8572, 0.4279,
0.3922


 13.0493, 0.4964,
0.4157


 82.5963, 0.4177,
0.3877

 7.4625, 0.5248,
0.4203


 107.5191, 0.4091,
0.3836

 3.7530, 0.5716,
0.4284

 137.0099, 0.4018,
0.3801

 1.5364, 0.5981,
0.4019

 171.4532, 0.3954,
0.3769

 0.3141, 0.7149,
0.2851

211.2333, 0.3899,

 0.0000, 0.0000,

0.3741

0.0000

256.7346, 0.3851,
0.3716

■ 31.3923, 0.4551,
0.4032

■ 31.3923, 0.4551,
0.4032

■ 28.2312, 0.4838,
0.4093

■ 34.9555, 0.4267,
0.3937

■ 25.4495, 0.5111,
0.4108

■ 38.9325, 0.3998,
0.3822

■ 23.0285, 0.5350,
0.4070

■ 43.3402, 0.3753,
0.3696

■ 21.5140, 0.5498,
0.4016

■ 48.1929, 0.3534,
0.3568

■ 53.5041, 0.3341,
0.3443

■ 59.2869, 0.3172,
0.3323

■ 65.5534, 0.3026,
0.3212

■ 72.3155, 0.2899,
0.3109

■ 79.2225, 0.2819,
0.3070

Harmonies

Analogous

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



31.3923, 0.4569, 0.3479



31.3923, 0.4551, 0.4032



31.3923, 0.4128, 0.4500

Triad

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



31.3923, 0.4551, 0.4032



31.3923, 0.2175, 0.3577



31.3923, 0.2653, 0.2220

Complementary

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



31.3923, 0.4551, 0.4032



25.9095, 0.2153, 0.2326

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.



31.3923, 0.2123, 0.2156



31.3923, 0.4551, 0.4032



31.3923, 0.1871, 0.2829

Square

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



31.3923, 0.4551, 0.4032



31.3923, 0.2750, 0.4329



31.3923, 0.1858, 0.2346



31.3923, 0.3389, 0.2500

Rectangle

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



31.3923, 0.4551, 0.4032



31.3923, 0.3702, 0.4664



31.3923, 0.1858, 0.2346



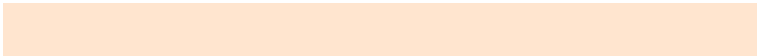
31.3923, 0.2449, 0.2173

Sweetspot

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



31.3939, 0.4551, 0.4032



82.0302, 0.3460, 0.3521



20.1934, 0.4011, 0.2464



17.0317, 0.3518, 0.3558



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.



31.3939, 0.4551, 0.4032



44.3143, 0.4951, 0.4105



55.1510, 0.4028, 0.4695



12.0735, 0.3278, 0.3400



13.5768, 0.5475, 0.4035



0.8520, 0.5160, 0.4285

Inverse Universe

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



25.9095, 0.2153, 0.2326



34.5571, 0.1983, 0.2066



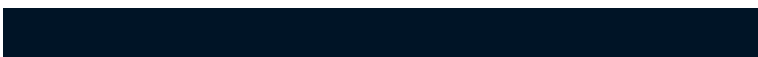
11.7306, 0.1925, 0.1336



11.8069, 0.2983, 0.3178



9.6274, 0.1801, 0.1683



0.6480, 0.1895, 0.2023

Previews

White Background



This preview shows how the Yxy color 31.3923, 0.4551, 0.4032 looks on a white background.

Color Contrast Check

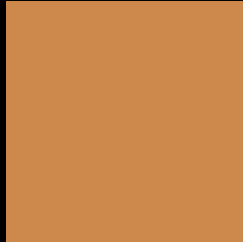
Large Text (above 18pt) WCAG AA × Fail

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 31.3923, 0.4551, 0.4032 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 31.3923, 0.4551, 0.4032

Background



This preview shows how black text looks on a background with the Yxy color 31.3923, 0.4551, 0.4032.



This preview shows how white text looks on a background with the Yxy color 31.3923, 0.4551, 0.4032.

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

31.3923, 0.4551, 0.4032

Protanopia

31.7014, 0.3971, 0.4337

Deuteranopia

31.4366, 0.4315, 0.4226



Tritanopia

31.3847, 0.3943, 0.3178

Trichromacy



Original Color

31.3923, 0.4551, 0.4032

Protanomaly

31.2557, 0.4178, 0.4226

Deuteranomaly

31.3233, 0.4398, 0.4151

Tritanomaly

31.4459, 0.4191, 0.3509

Monochromacy



Original Color

31.3923, 0.4551, 0.4032

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.2269, 0.3627, 0.3621

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.3923, 0.4551, 0.4032 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(205, 137, 76)` looks like.

```
.text, #text, p{  
    color:rgb(205, 137, 76)  
}
```

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(205, 137, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 137, 76) }
```

Border

The CSS property to change the border of an element to Yxy 31.3923, 0.4551, 0.4032 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(205, 137, 76) }
```

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

```
.border{ border-color:rgb(205, 137, 76) }
```

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

Here you see how a box with a 4 pixel rgb(205, 137, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 137, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 137, 76);  
box-shadow:4px 4px 4px 4px rgb(205, 137,  
76) }
```


Background

The CSS property to change the background color of an element to Yxy 31.3923, 0.4551, 0.4032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 137, 76) }
```

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

```
.background{ background-color: rgb(205,  
137, 76) }
```

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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