

Converting Colors

$Yxy(32.8807, 0.4331, 0.4243)$

Have a look what the booklet for
Yxy(32.8807, 0.4331, 0.4243)
contains.

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Color

Yxy(32.8807, 0.4331, 0.4243)

Conversions

Conversions Part 1

Format	Color
Hex	C0944A
RGB	192, 148, 74
RGB Percent	75%, 58%, 29%
CMY	0.2471, 0.4196, 0.7099
CMYK	0.00, 0.23, 0.61, 0.25
HSL	38°, 48%, 52%
HSV	38°, 61%, 75%
XYZ	33.5626, 32.8807, 11.0506
YIQ	152.7200, 49.9780, -13.6860

Conversions

Conversions Part 2

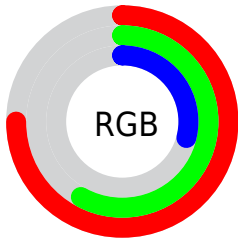
Format	Color
RYB	144, 192, 74
Decimal	12620874
CIELab	64.06, 8.30, 44.75
CIElCh	64, 45.515, 79.489
Yxy	32.8807, 0.4331, 0.4243
Android (android.graphics.Color)	4290810954 (0xFFC0944A)
YUV	152.7200, -38.8090, 34.4486
Hunter-Lab	57.3417, 4.1298, 28.7131

Details

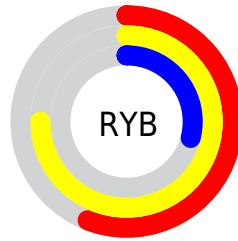
The Yxy color **32.8807, 0.4331, 0.4243** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **18.2073, 0.2104, 0.2036**, and the grayscale version is **31.8823, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.2310, 0.4109, 0.4085**, and **13.9522, 0.4645, 0.4462** is the 20% darker color. If you saturate the color by 10%, you get **30.4858, 0.4548, 0.4343**, and if you desaturate by 10%, it is **35.4965, 0.4108, 0.4111**.

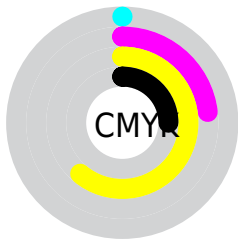
Distribution



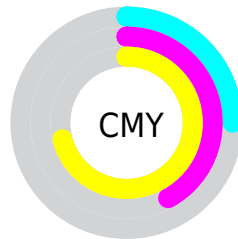
- Red (75%)
- Green (58%)
- Blue (29%)



- Red (56%)
- Yellow (75%)
- Blue (29%)



- Cyan (0%)
- Magenta (23%)
- Yellow (61%)
- Black (25%)





- Cyan (25%)
- Magenta (42%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.8807, 0.4331, 0.4243 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 32.8807, 0.4331, 0.4243 by changing the saturation by 10% instead.


 32.8807, 0.4331,
0.4243


 32.8807, 0.4331,
0.4243


315.1118, 0.3716,
0.3780

 22.0351, 0.4478,
0.4343


 64.1892, 0.4110,
0.4084


 13.8827, 0.4656,
0.4456


 85.4209, 0.4026,
0.4021

 8.0391, 0.4869,
0.4574


 110.8834, 0.3954,
0.3966

 4.1200, 0.5225,
0.4775

 140.9611, 0.3893,
0.3919

 1.7409, 0.5338,
0.4662

 176.0384, 0.3840,
0.3877

 0.4499, 0.5835,
0.4165

216.4997, 0.3793,

 0.0000, 0.0000,

0.3841

0.0000

262.7294, 0.3752,
0.3809

■ 32.8807, 0.4331,
0.4243

■ 32.8807, 0.4331,
0.4243

■ 30.4858, 0.4548,
0.4343

■ 35.4965, 0.4108,
0.4111

■ 28.2972, 0.4747,
0.4400

■ 38.3374, 0.3888,
0.3958

■ 26.3049, 0.4918,
0.4406

■ 41.4131, 0.3680,
0.3795

■ 24.7448, 0.5043,
0.4378

■ 44.7314, 0.3486,
0.3630

■ 48.2993, 0.3309,
0.3467

■ 52.1237, 0.3149,
0.3312

■ 56.2110, 0.3007,
0.3166

■ 60.5673, 0.2880,
0.3030

■ 65.1987, 0.2768,
0.2905

Harmonies

Analogous

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



32.8807, 0.4548, 0.3739



32.8807, 0.4331, 0.4243



32.8807, 0.3797, 0.4573

Triad

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



32.8807, 0.4331, 0.4243



32.8807, 0.2041, 0.3198



32.8807, 0.3004, 0.2372

Complementary

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



32.8807, 0.4331, 0.4243



18.2073, 0.2104, 0.2036

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.



32.8807, 0.2385, 0.2206



32.8807, 0.4331, 0.4243



32.8807, 0.1884, 0.2593

Square

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



32.8807, 0.4331, 0.4243



32.8807, 0.2476, 0.3952



32.8807, 0.2003, 0.2267



32.8807, 0.3736, 0.2727

Rectangle

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



32.8807, 0.4331, 0.4243



32.8807, 0.3349, 0.4583



32.8807, 0.2003, 0.2267



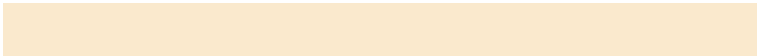
32.8807, 0.2776, 0.2294

Sweetspot

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



32.8823, 0.4331, 0.4243



83.0638, 0.3427, 0.3578



17.4366, 0.4274, 0.2708



17.4222, 0.3481, 0.3626



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.8823, 0.4331, 0.4243



53.7258, 0.4624, 0.4369



47.6833, 0.3856, 0.4777



11.1069, 0.3274, 0.3434



16.8047, 0.5030, 0.4388



0.8546, 0.4797, 0.4573

Inverse Universe

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



18.2073, 0.2104, 0.2036



25.0401, 0.1904, 0.1707



10.7613, 0.2051, 0.1383



10.3492, 0.2984, 0.3142



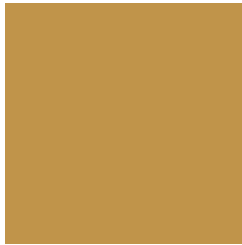
5.7794, 0.1668, 0.1203



0.3823, 0.1796, 0.1665

Previews

White Background



This preview shows how the Yxy color 32.8807, 0.4331, 0.4243 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 32.8807, 0.4331, 0.4243 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 32.8807, 0.4331, 0.4243

Background



This preview shows how black text looks on a background with the Yxy color 32.8807, 0.4331, 0.4243.



This preview shows how white text looks on a background with the Yxy color 32.8807, 0.4331, 0.4243.

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

32.8807, 0.4331, 0.4243

Protanopia

33.0694, 0.4033, 0.4415

Deuteranopia

32.8807, 0.4331, 0.4243



Tritanopia

32.9639, 0.3658, 0.3159

Trichromacy



Original Color

32.8807, 0.4331, 0.4243

Protanomaly

32.8742, 0.4140, 0.4355

Deuteranomaly

32.8807, 0.4331, 0.4243

Tritanomaly

32.7858, 0.3936, 0.3574

Monochromacy



Original Color

32.8807, 0.4331, 0.4243

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.8039, 0.3561, 0.3697

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8807, 0.4331, 0.4243 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(192, 148, 74)` looks like.

```
.text, #text, p{  
    color:rgb(192, 148, 74)  
}
```

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(192, 148, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 148, 74) }
```

Border

The CSS property to change the border of an element to Yxy 32.8807, 0.4331, 0.4243 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(192, 148, 74) }
```

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

```
.border{ border-color:rgb(192, 148, 74) }
```

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

Here you see how a box with a 4 pixel rgb(192, 148, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 148, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 148, 74);  
box-shadow:4px 4px 4px 4px rgb(192, 148,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8807, 0.4331, 0.4243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 148, 74) }
```

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

```
.background{ background-color: rgb(192,  
148, 74) }
```

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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