

Converting Colors

$Yxy(32.5617, 0.4639, 0.4395)$

Have a look what the booklet for
Yxy(32.5617, 0.4639, 0.4395)
contains.

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Color

Yxy(32.4311, 0.4644, 0.4390)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C8902F |
| RGB | 200, 144, 47 |
| RGB Percent | 78%, 56%, 18% |
| CMY | 0.2156, 0.4353, 0.8158 |
| CMYK | 0.00, 0.28, 0.77, 0.22 |
| HSL | 38°, 62%, 48% |
| HSV | 38°, 77%, 78% |
| XYZ | 34.3075, 32.4311, 7.1363 |
| YIQ | 149.6860, 64.5130, -18.2950 |

Conversions

Conversions Part 2

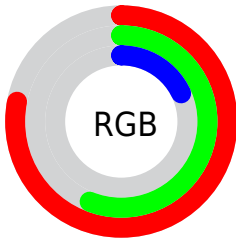
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 135, 200, 47 |
| Decimal | 13144111 |
| CIE Lab | 63.70, 12.48, 56.77 |
| CIE LCh | 64, 58.128, 77.603 |
| Yxy | 32.4311, 0.4644, 0.4390 |
| Android (android.graphics.Color) | 4291334191 (0xFFC8902F) |
| YUV | 149.6860, -50.6242, 44.1254 |
| Hunter-Lab | 56.9483, 7.8747, 32.4341 |

Details

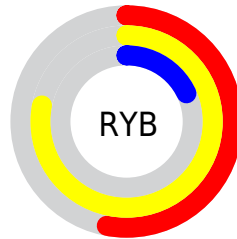
The Yxy color **32.4311, 0.4644, 0.4390** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **14.4686, 0.1880, 0.1654**, and the grayscale version is **30.5566, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.5683, 0.4333, 0.4254**, and **13.6681, 0.4913, 0.4481** is the 20% darker color. If you saturate the color by 10%, you get **30.1608, 0.4827, 0.4422**, and if you desaturate by 10%, it is **34.9223, 0.4437, 0.4310**.

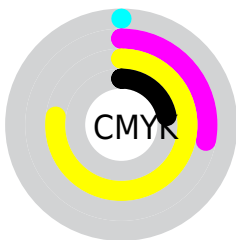
Distribution



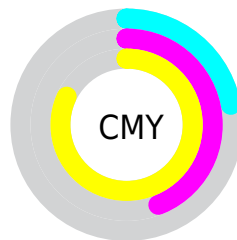
- Red (78%)
- Green (56%)
- Blue (18%)



- Red (53%)
- Yellow (78%)
- Blue (18%)



- Cyan (0%)
- Magenta (28%)
- Yellow (77%)
- Black (22%)





- Cyan (22%)
- Magenta (44%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.4311, 0.4644, 0.4390 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 32.4311, 0.4644, 0.4390 by changing the saturation by 10% instead.

 32.4311, 0.4644,
0.4390


 32.4311, 0.4644,
0.4390


313.0784, 0.3891,
0.3891


 21.6910, 0.4808,
0.4477


 63.4863, 0.4383,
0.4232

 13.6300, 0.4994,
0.4558


 84.5702, 0.4281,
0.4165


 7.8638, 0.5268,
0.4677


 109.8708, 0.4192,
0.4105

 4.0079, 0.5400,
0.4600

 139.7725, 0.4115,
0.4052

 1.6780, 0.5568,
0.4432

 174.6597, 0.4048,
0.4005

 0.4093, 0.6289,
0.3711

 214.9169, 0.3989,

 0.0000, 0.0000,

0.3963

0.0000

260.9283, 0.3937,
0.3925

■ 32.4311, 0.4644,
0.4390

■ 32.4311, 0.4644,
0.4390

■ 30.1608, 0.4827,
0.4422

■ 34.9223, 0.4437,
0.4310

■ 28.0922, 0.4978,
0.4403

■ 37.6412, 0.4218,
0.4192

■ 27.4122, 0.5027,
0.4390

■ 40.5996, 0.3997,
0.4047

■ 43.8068, 0.3783,
0.3886

■ 47.2714, 0.3582,
0.3719

■ 51.0015, 0.3396,
0.3552

■ 55.0045, 0.3228,
0.3391

■ 59.2878, 0.3077,
0.3238

■ 63.8581, 0.2942,
0.3095

Harmonies

Analogous

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



32.4311, 0.4926, 0.3748



32.4311, 0.4644, 0.4390



32.4311, 0.3973, 0.4894

Triad

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



32.4311, 0.4644, 0.4390



32.4311, 0.1795, 0.3202



32.4311, 0.2901, 0.2144

Complementary

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



32.4311, 0.4644, 0.4390



14.4686, 0.1880, 0.1654

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.



32.4311, 0.2159, 0.1956



32.4311, 0.4644, 0.4390



32.4311, 0.1603, 0.2426

Square

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



32.4311, 0.4644, 0.4390



32.4311, 0.2331, 0.4217



32.4311, 0.1728, 0.2031



32.4311, 0.3839, 0.2553

Rectangle

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



32.4311, 0.4644, 0.4390



32.4311, 0.3418, 0.4987



32.4311, 0.1728, 0.2031



32.4311, 0.2622, 0.2054

Sweetspot

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



32.4327, 0.4644, 0.4390



83.8436, 0.3521, 0.3665



15.2916, 0.4792, 0.2685



17.4528, 0.3591, 0.3727



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.



32.4327, 0.4644, 0.4390



49.7423, 0.4933, 0.4414



51.1749, 0.3930, 0.5040



11.7391, 0.3274, 0.3436



17.6030, 0.5012, 0.4402



0.9681, 0.4799, 0.4571

Inverse Universe

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



14.4686, 0.1880, 0.1654



17.7334, 0.1704, 0.1285



7.4068, 0.1801, 0.0968



10.9125, 0.2983, 0.3139



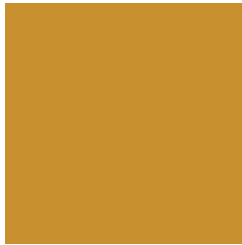
5.8544, 0.1662, 0.1182



0.4151, 0.1781, 0.1612

Previews

White Background



This preview shows how the Yxy color 32.4311, 0.4644, 0.4390 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 32.4311, 0.4644, 0.4390 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 32.4311, 0.4644, 0.4390

Background



This preview shows how black text looks on a background with the Yxy color 32.4311, 0.4644, 0.4390.



This preview shows how white text looks on a background with the Yxy color 32.4311, 0.4644, 0.4390.

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

32.4311, 0.4644, 0.4390

Protanopia

32.5572, 0.4229, 0.4662

Deuteranopia

32.5340, 0.4555, 0.4467



Tritanopia

32.4941, 0.3819, 0.3164

Trichromacy



Original Color

32.4311, 0.4644, 0.4390

Protanomaly

32.4222, 0.4381, 0.4560

Deuteranomaly

32.4908, 0.4587, 0.4444

Tritanomaly

32.1185, 0.4195, 0.3667

Monochromacy



Original Color

32.4311, 0.4644, 0.4390

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.6969, 0.3697, 0.3818

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4311, 0.4644, 0.4390 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(200, 144, 47)` looks like.

```
.text, #text, p{  
    color:rgb(200, 144, 47)  
}
```

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(200, 144, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 144, 47) }
```

Border

The CSS property to change the border of an element to Yxy 32.4311, 0.4644, 0.4390 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(200, 144, 47) }
```

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

```
.border{ border-color:rgb(200, 144, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 144, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 144, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 144, 47);  
box-shadow:4px 4px 4px 4px rgb(200, 144,  
47) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4311, 0.4644, 0.4390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 144, 47) }
```

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

```
.background{ background-color: rgb(200,  
144, 47) }
```

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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