

Converting Colors

$Y_{xy}(30.4014, 0.4335, 0.4260)$

Have a look what the booklet for
Yxy(30.4014, 0.4335, 0.4260)
contains.

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Color

Yxy(30.4014, 0.4335, 0.4260)

Conversions

Conversions Part 1

Format	Color
Hex	B98F46
RGB	185, 143, 70
RGB Percent	73%, 56%, 27%
CMY	0.2745, 0.4392, 0.7256
CMYK	0.00, 0.23, 0.62, 0.27
HSL	38°, 45%, 50%
HSV	38°, 62%, 73%
XYZ	30.9366, 30.4014, 10.0268
YIQ	147.2360, 48.4650, -13.7990

Conversions

Conversions Part 2

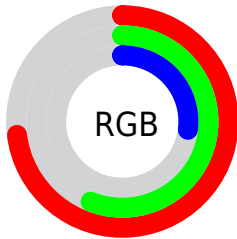
Format	Color
RYB	136, 185, 70
Decimal	12160838
CIELab	62.00, 7.74, 44.17
CIElCh	62, 44.838, 80.064
Yxy	30.4014, 0.4335, 0.4260
Android (android.graphics.Color)	4290350918 (0xFFB98F46)
YUV	147.2360, -38.0773, 33.1190
Hunter-Lab	55.1375, 3.6626, 27.8143

Details

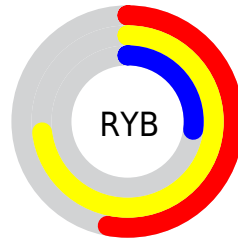
The Yxy color **30.4014, 0.4335, 0.4260** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **16.3880, 0.2092, 0.2008**, and the grayscale version is **29.4260, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.5461, 0.4107, 0.4095**, and **12.5463, 0.4671, 0.4475** is the 20% darker color. If you saturate the color by 10%, you get **28.2364, 0.4547, 0.4359**, and if you desaturate by 10%, it is **32.7635, 0.4115, 0.4128**.

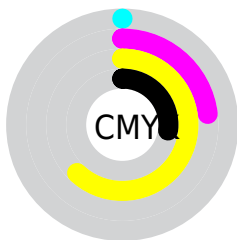
Distribution



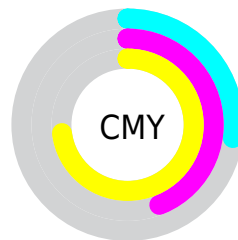
- Red (73%)
- Green (56%)
- Blue (27%)



- Red (53%)
- Yellow (73%)
- Blue (27%)



- Cyan (0%)
- Magenta (23%)
- Yellow (62%)
- Black (27%)





- Cyan (27%)
- Magenta (44%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4014, 0.4335, 0.4260 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 30.4014, 0.4335, 0.4260 by changing the saturation by 10% instead.


 30.4014, 0.4335,
0.4260


 30.4014, 0.4335,
0.4260


303.7710, 0.3711,
0.3782

 20.1435, 0.4485,
0.4364


 60.2964, 0.4109,
0.4094


 12.4994, 0.4668,
0.4482


 80.7022, 0.4024,
0.4029


 7.0847, 0.4891,
0.4609


 105.2595, 0.3951,
0.3973

 3.5151, 0.5219,
0.4781

 134.3526, 0.3889,
0.3924

 1.4062, 0.5338,
0.4662

 168.3659, 0.3835,
0.3882

 0.2213, 0.6433,
0.3567

207.6838, 0.3789,

 0.0000, 0.0000,

0.3844

0.0000

252.6907, 0.3748,
0.3811

■ 30.4014, 0.4335,
0.4260

■ 30.4014, 0.4335,
0.4260

■ 28.2364, 0.4547,
0.4359

■ 32.7635, 0.4115,
0.4128

■ 26.2551, 0.4742,
0.4415

■ 35.3262, 0.3898,
0.3976

■ 24.4486, 0.4907,
0.4420

■ 38.0986, 0.3690,
0.3812

■ 23.1435, 0.5020,
0.4396

■ 41.0874, 0.3497,
0.3645

■ 44.2992, 0.3320,
0.3480

■ 47.7399, 0.3160,
0.3323

■ 51.4154, 0.3017,
0.3175

■ 55.3313, 0.2889,
0.3037

■ 59.4928, 0.2776,
0.2910

Harmonies

Analogous

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



30.4014, 0.4563, 0.3752



30.4014, 0.4335, 0.4260



30.4014, 0.3791, 0.4590

Triad

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



30.4014, 0.4335, 0.4260



30.4014, 0.2024, 0.3182



30.4014, 0.3016, 0.2369

Complementary

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



30.4014, 0.4335, 0.4260



16.3880, 0.2092, 0.2008

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.



30.4014, 0.2388, 0.2197



30.4014, 0.4335, 0.4260



30.4014, 0.1872, 0.2576

Square

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



30.4014, 0.4335, 0.4260



30.4014, 0.2458, 0.3946



30.4014, 0.1997, 0.2253



30.4014, 0.3756, 0.2729

Rectangle

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



30.4014, 0.4335, 0.4260



30.4014, 0.3337, 0.4596



30.4014, 0.1997, 0.2253



30.4014, 0.2785, 0.2288

Sweetspot

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



30.4029, 0.4335, 0.4260



75.1873, 0.3444, 0.3597



15.8655, 0.4325, 0.2730



15.8654, 0.3496, 0.3644



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



30.4029, 0.4335, 0.4260



49.0907, 0.4629, 0.4387



43.6535, 0.3842, 0.4798



9.9369, 0.3272, 0.3435



15.8992, 0.5006, 0.4407



0.6740, 0.4747, 0.4613

Inverse Universe

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



16.3880, 0.2092, 0.2008



22.0444, 0.1888, 0.1668



9.8257, 0.2057, 0.1373



9.2421, 0.2985, 0.3141



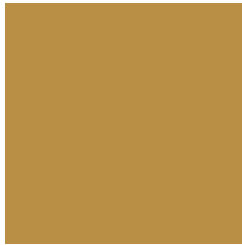
5.2917, 0.1663, 0.1187



0.3064, 0.1814, 0.1730

Previews

White Background



This preview shows how the Yxy color 30.4014, 0.4335, 0.4260 looks on a white background.

Color Contrast Check

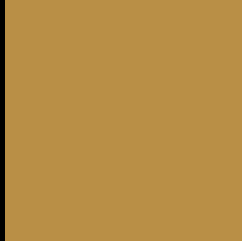
Large Text (above 18pt) WCAG AA × Fail

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 30.4014, 0.4335, 0.4260 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 30.4014, 0.4335, 0.4260

Background



This preview shows how black text looks on a background with the Yxy color 30.4014, 0.4335, 0.4260.



This preview shows how white text looks on a background with the Yxy color 30.4014, 0.4335, 0.4260.

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

30.4014, 0.4335, 0.4260

Protanopia

30.3876, 0.4046, 0.4422

Deuteranopia

30.4014, 0.4335, 0.4260



Tritanopia

30.4486, 0.3653, 0.3155

Trichromacy



Original Color

30.4014, 0.4335, 0.4260

Protanomaly

30.2066, 0.4157, 0.4360

Deuteranomaly

30.4014, 0.4335, 0.4260

Tritanomaly

30.3038, 0.3928, 0.3570

Monochromacy



Original Color

30.4014, 0.4335, 0.4260

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.4667, 0.3564, 0.3710

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4014, 0.4335, 0.4260 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(185, 143, 70)` looks like.

```
.text, #text, p{  
    color:rgb(185, 143, 70)  
}
```

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(185, 143, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 143, 70) }
```

Border

The CSS property to change the border of an element to Yxy 30.4014, 0.4335, 0.4260 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(185, 143, 70) }
```

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

```
.border{ border-color:rgb(185, 143, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 143, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 143, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 143, 70);  
box-shadow:4px 4px 4px 4px rgb(185, 143,  
70) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4014, 0.4335, 0.4260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 143, 70) }
```

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

```
.background{ background-color: rgb(185,  
143, 70) }
```

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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