

Converting Colors

$Y_{xy}(30.5411, 0.4438, 0.4126)$

Have a look what the booklet for
Yxy(30.5411, 0.4438, 0.4126)
contains.

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Color

Yxy(30.4290, 0.4435, 0.4125)

Conversions

Conversions Part 1

Format	Color
Hex	C28B4A
RGB	194, 139, 74
RGB Percent	76%, 55%, 29%
CMY	0.2392, 0.4549, 0.7099
CMYK	0.00, 0.28, 0.62, 0.24
HSL	33°, 50%, 53%
HSV	33°, 62%, 76%
XYZ	32.7158, 30.4290, 10.6225
YIQ	148.0350, 53.6450, -8.5550

Conversions

Conversions Part 2

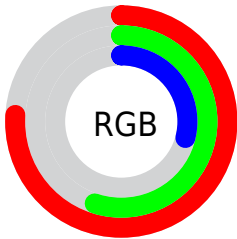
Format	Color
RYB	176, 194, 74
Decimal	12749642
CIELab	62.02, 14.11, 42.45
CIELCh	62, 44.734, 71.620
Yxy	30.4290, 0.4435, 0.4125
Android (android.graphics.Color)	4290939722 (0xFFC28B4A)
YUV	148.0350, -36.4993, 40.3113
Hunter-Lab	55.1625, 9.3305, 27.1964

Details

The Yxy color **30.4290, 0.4435, 0.4125** 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 **21.0407, 0.2137, 0.2204**, and the grayscale version is **29.7679, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.0626, 0.4182, 0.3983**, and **12.5333, 0.4817, 0.4293** is the 20% darker color. If you saturate the color by 10%, you get **27.7378, 0.4689, 0.4206**, and if you desaturate by 10%, it is **33.4131, 0.4180, 0.4012**.

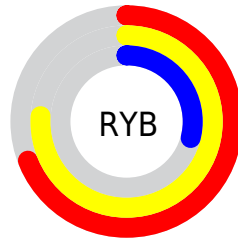
Distribution



Red (76%)

Green (55%)

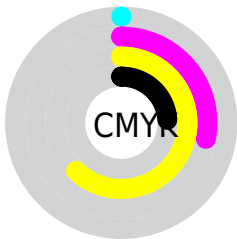
Blue (29%)



Red (69%)

Yellow (76%)

Blue (29%)

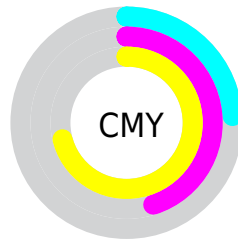


Cyan (0%)

Magenta (28%)

Yellow (62%)

Black (24%)



Cyan (24%)


Magenta (45%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4290, 0.4435, 0.4125 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 30.4290, 0.4435, 0.4125 by changing the saturation by 10% instead.


 30.4290, 0.4435,
0.4125


 30.4290, 0.4435,
0.4125


303.8990, 0.3752,
0.3726

 20.1644, 0.4604,
0.4207

 60.3400, 0.4185,
0.3990


 12.5146, 0.4813,
0.4295


 80.7551, 0.4092,
0.3936

 7.0952, 0.5071,
0.4378


 105.3227, 0.4012,
0.3889

 3.5217, 0.5491,
0.4509

 134.4269, 0.3945,
0.3848

 1.4098, 0.5697,
0.4303

 168.4523, 0.3887,
0.3812

 0.2239, 0.7133,
0.2867

207.7831, 0.3836,

 0.0000, 0.0000,

0.3780

0.0000

252.8039, 0.3792,
0.3751

■ 30.4290, 0.4435,
0.4125

■ 30.4290, 0.4435,
0.4125

■ 27.7378, 0.4689,
0.4206

■ 33.4131, 0.4180,
0.4012

■ 25.3224, 0.4929,
0.4243

■ 36.6971, 0.3936,
0.3879

■ 23.1699, 0.5140,
0.4227

■ 40.2931, 0.3709,
0.3736

■ 21.5959, 0.5289,
0.4182

■ 44.2112, 0.3503,
0.3591

■ 48.4606, 0.3318,
0.3449

■ 53.0505, 0.3155,
0.3314

■ 57.9892, 0.3012,
0.3188

■ 63.2850, 0.2886,
0.3070

■ 68.9458, 0.2776,
0.2962

Harmonies

Analogous

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



30.4290, 0.4547, 0.3600



30.4290, 0.4435, 0.4125



30.4290, 0.3964, 0.4525

Triad

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



30.4290, 0.4435, 0.4125



30.4290, 0.2121, 0.3392



30.4290, 0.2820, 0.2302

Complementary

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



30.4290, 0.4435, 0.4125



21.0407, 0.2137, 0.2204

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.



30.4290, 0.2253, 0.2190



30.4290, 0.4435, 0.4125



30.4290, 0.1889, 0.2721

Square

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



30.4290, 0.4435, 0.4125



30.4290, 0.2625, 0.4141



30.4290, 0.1937, 0.2318



30.4290, 0.3549, 0.2614

Rectangle

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



30.4290, 0.4435, 0.4125



30.4290, 0.3532, 0.4616



30.4290, 0.1937, 0.2318



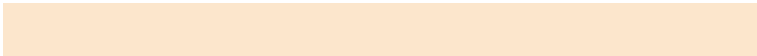
30.4290, 0.2606, 0.2240

Sweetspot

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



30.4305, 0.4435, 0.4125



82.0203, 0.3453, 0.3554



17.9743, 0.4117, 0.2576



17.4848, 0.3510, 0.3596



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.



30.4305, 0.4435, 0.4125



48.7546, 0.4771, 0.4224



50.0237, 0.3950, 0.4732



10.9618, 0.3276, 0.3415



14.3647, 0.5271, 0.4197



0.7572, 0.4968, 0.4437

Inverse Universe

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



21.0407, 0.2137, 0.2204



30.4090, 0.1959, 0.1924



10.4075, 0.1965, 0.1335



10.4913, 0.2984, 0.3162



7.4057, 0.1739, 0.1459



0.4576, 0.1858, 0.1889

Previews

White Background



This preview shows how the Yxy color 30.4290, 0.4435, 0.4125 looks on a white background.

Color Contrast Check

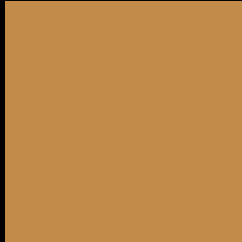
Large Text (above 18pt) WCAG AA × Fail

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 30.4290, 0.4435, 0.4125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

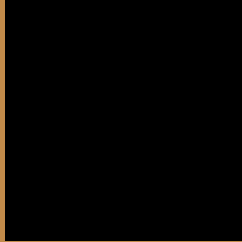
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.4290, 0.4435, 0.4125

Background



This preview shows how black text looks on a background with the Yxy color 30.4290, 0.4435, 0.4125.



This preview shows how white text looks on a background with the Yxy color 30.4290, 0.4435, 0.4125.

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

30.4290, 0.4435, 0.4125

Protanopia

30.4697, 0.3996, 0.4347

Deuteranopia

30.4402, 0.4309, 0.4227



Tritanopia

30.2978, 0.3804, 0.3159

Trichromacy



Original Color

30.4290, 0.4435, 0.4125

Protanomaly

30.3237, 0.4149, 0.4261

Deuteranomaly

30.5184, 0.4351, 0.4200

Tritanomaly

30.2049, 0.4052, 0.3521

Monochromacy



Original Color

30.4290, 0.4435, 0.4125

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.6306, 0.3592, 0.3658

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4290, 0.4435, 0.4125 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(194, 139, 74)` looks like.

```
.text, #text, p{  
    color:rgb(194, 139, 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(194, 139, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 139, 74) }
```

Border

The CSS property to change the border of an element to Yxy 30.4290, 0.4435, 0.4125 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(194, 139, 74) }
```

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

```
.border{ border-color:rgb(194, 139, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 139, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 139, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 139, 74);  
box-shadow:4px 4px 4px 4px rgb(194, 139,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4290, 0.4435, 0.4125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 139, 74) }
```

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

```
.background{ background-color: rgb(194,  
139, 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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