

Converting Colors

$Y_{xy}(30.4972, 0.4108, 0.3772)$

Have a look what the booklet for
Yxy(30.4972, 0.4108, 0.3772)
contains.

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Color

Yxy(30.5411, 0.4101, 0.3771)

Conversions

Conversions Part 1

Format	Color
Hex	BF8B68
RGB	191, 139, 104
RGB Percent	75%, 55%, 41%
CMY	0.2510, 0.4549, 0.5922
CMYK	0.00, 0.27, 0.46, 0.25
HSL	24°, 40%, 58%
HSV	24°, 46%, 75%
XYZ	33.2137, 30.5411, 17.2345
YIQ	150.5580, 42.2270, 0.1390

Conversions

Conversions Part 2

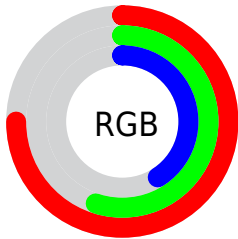
Format	Color
RYB	191, 163, 104
Decimal	12553064
CIELab	62.12, 15.46, 26.50
CIElCh	62, 30.680, 59.737
Yxy	30.5411, 0.4101, 0.3771
Android (android.graphics.Color)	4290743144 (0xFFBF8B68)
YUV	150.5580, -22.9531, 35.4676
Hunter-Lab	55.2640, 10.5668, 20.1947

Details

The Yxy color **30.5411, 0.4101, 0.3771** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **30.4630, 0.2427, 0.2740**, and the grayscale version is **30.8349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.6800, 0.3897, 0.3686**, and **12.5812, 0.4424, 0.3898** is the 20% darker color. If you saturate the color by 10%, you get **27.0639, 0.4397, 0.3865**, and if you desaturate by 10%, it is **34.4539, 0.3833, 0.3665**.

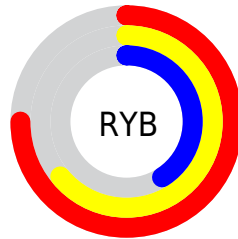
Distribution



Red (75%)

Green (55%)

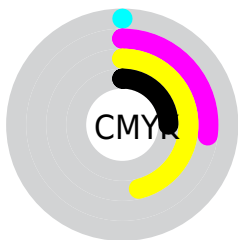
Blue (41%)



Red (75%)

Yellow (64%)

Blue (41%)

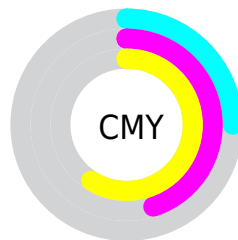


Cyan (0%)

Magenta (27%)

Yellow (46%)

Black (25%)



Cyan (25%)


Magenta (45%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.5411, 0.4101, 0.3771 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 30.5411, 0.4101, 0.3771 by changing the saturation by 10% instead.

 30.5411, 0.4101,
0.3771


 30.5411, 0.4101,
0.3771


304.4186, 0.3579,
0.3534

 20.2497, 0.4241,
0.3825


 60.5168, 0.3904,
0.3688


 12.5767, 0.4425,
0.3890


 80.9699, 0.3832,
0.3655

 7.1377, 0.4675,
0.3964


 105.5791, 0.3772,
0.3628

 3.5484, 0.5032,
0.4042

 134.7286, 0.3721,
0.3604

 1.4243, 0.5767,
0.4233

168.8029, 0.3678,
0.3583

 0.2345, 0.7191,
0.2809

208.1864, 0.3641,

 0.0000, 0.0000,

0.3565

0.0000

253.2635, 0.3608,
0.3549

■ 30.5411, 0.4101,
0.3771

■ 30.5411, 0.4101,
0.3771

■ 27.0639, 0.4397,
0.3865

■ 34.4539, 0.3833,
0.3665

■ 24.0015, 0.4712,
0.3937

■ 38.8134, 0.3597,
0.3556

■ 21.3373, 0.5031,
0.3973


■ 43.6358, 0.3392,
0.3448

■ 19.0520, 0.5331,
0.3962

■ 48.9350, 0.3215,
0.3345

■ 17.1235, 0.5588,
0.3899

■ 54.7243, 0.3062,
0.3248

 16.3690, 0.5693,
0.3862

 61.0164, 0.2932,
0.3159

 67.8237, 0.2820,
0.3077

 75.0436, 0.2733,
0.3020

 81.6128, 0.2744,
0.3146

Harmonies

Analogous

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



30.5411, 0.4043, 0.3385



30.5411, 0.4101, 0.3771



30.5411, 0.3880, 0.4077

Triad

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



30.5411, 0.4101, 0.3771



30.5411, 0.2550, 0.3573



30.5411, 0.2743, 0.2528

Complementary

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



30.5411, 0.4101, 0.3771



30.4630, 0.2427, 0.2740

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.



30.5411, 0.2394, 0.2522



30.5411, 0.4101, 0.3771



30.5411, 0.2288, 0.3083

Square

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



30.5411, 0.4101, 0.3771



30.5411, 0.2975, 0.4002



30.5411, 0.2236, 0.2709



30.5411, 0.3223, 0.2702

Rectangle

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



30.5411, 0.4101, 0.3771



30.5411, 0.3616, 0.4178



30.5411, 0.2236, 0.2709



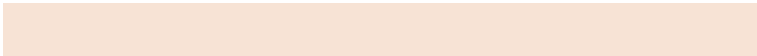
30.5411, 0.2608, 0.2506

Sweetspot

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



30.5426, 0.4101, 0.3771



79.3829, 0.3366, 0.3433



23.3770, 0.3599, 0.2593



16.9960, 0.3408, 0.3457



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.



30.5426, 0.4101, 0.3771



48.2965, 0.4406, 0.3868



45.6468, 0.3840, 0.4300



10.1500, 0.3279, 0.3383



10.9080, 0.5669, 0.3881



0.5559, 0.5234, 0.4226

Inverse Universe

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



30.4630, 0.2427, 0.2740



48.0867, 0.2282, 0.2588



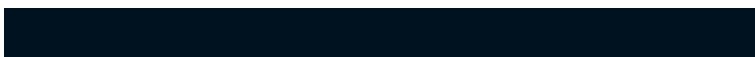
18.4411, 0.2301, 0.2023



10.1474, 0.2984, 0.3195



10.5557, 0.1870, 0.1931



0.5385, 0.1970, 0.2292

Previews

White Background



This preview shows how the Yxy color 30.5411, 0.4101, 0.3771 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 30.5411, 0.4101, 0.3771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

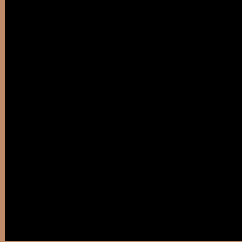
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.5411, 0.4101, 0.3771

Background



This preview shows how black text looks on a background with the Yxy color 30.5411, 0.4101, 0.3771.



This preview shows how white text looks on a background with the Yxy color 30.5411, 0.4101, 0.3771.

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

30.5411, 0.4101, 0.3771

Protanopia

30.5982, 0.3661, 0.3921

Deuteranopia

30.6291, 0.3956, 0.3879



Tritanopia

30.6659, 0.3713, 0.3157

Trichromacy



Original Color

30.5411, 0.4101, 0.3771

Protanomaly

30.5035, 0.3824, 0.3867

Deuteranomaly

30.5156, 0.4014, 0.3841

Tritanomaly

30.6626, 0.3868, 0.3387

Monochromacy



Original Color

30.5411, 0.4101, 0.3771

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.6957, 0.3460, 0.3487

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5411, 0.4101, 0.3771 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(191, 139, 104)` looks like.

```
.text, #text, p{  
    color:rgb(191, 139, 104)  
}
```

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(191, 139, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 139, 104) }
```

Border

The CSS property to change the border of an element to Yxy 30.5411, 0.4101, 0.3771 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(191, 139, 104) }
```

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

```
.border{ border-color:rgb(191, 139, 104) }
```

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

Here you see how a box with a 4 pixel rgb(191, 139, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 139, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 139, 104);  
box-shadow:4px 4px 4px 4px rgb(191, 139,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5411, 0.4101, 0.3771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 139, 104) }
```

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

```
.background{ background-color: rgb(191,  
139, 104) }
```

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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