

Converting Colors

$Yxy(30.6563, 0.4101, 0.3738)$

Have a look what the booklet for
Yxy(30.6563, 0.4101, 0.3738)
contains.

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Color

Yxy(30.8433, 0.4101, 0.3740)

Conversions

Conversions Part 1

Format	Color
Hex	C18B6A
RGB	193, 139, 106
RGB Percent	76%, 55%, 42%
CMY	0.2433, 0.4548, 0.5843
CMYK	0.00, 0.28, 0.45, 0.24
HSL	23°, 41%, 59%
HSV	23°, 45%, 76%
XYZ	33.8204, 30.8433, 17.8050
YIQ	151.3840, 42.7770, 1.1850

Conversions

Conversions Part 2

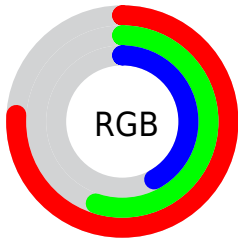
Format	Color
R _Y B	193, 159, 106
Decimal	12684138
CIE Lab	62.38, 16.49, 25.76
CIE LCh	62, 30.585, 57.382
Yxy	30.8433, 0.4101, 0.3740
Android (android.graphics.Color)	4290874218 (0xFFC18B6A)
YUV	151.3840, -22.3743, 36.4972
Hunter-Lab	55.5367, 11.5125, 19.8674

Details

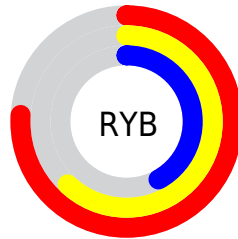
The Yxy color **30.8433, 0.4101, 0.3740** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **32.0355, 0.2440, 0.2779**, and the grayscale version is **31.2048, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.1178, 0.3897, 0.3663**, and **12.7686, 0.4425, 0.3856** is the 20% darker color. If you saturate the color by 10%, you get **27.2082, 0.4404, 0.3829**, and if you desaturate by 10%, it is **34.9514, 0.3829, 0.3640**.

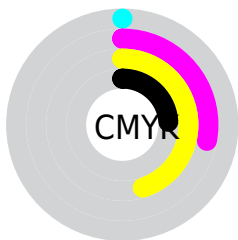
Distribution



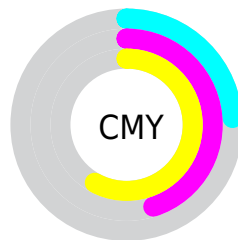
- Red (76%)
- Green (55%)
- Blue (42%)



- Red (76%)
- Yellow (62%)
- Blue (42%)



- Cyan (0%)
- Magenta (28%)
- Yellow (45%)
- Black (24%)





- Cyan (24%)
- Magenta (45%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.8433, 0.4101, 0.3740 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 30.8433, 0.4101, 0.3740 by changing the saturation by 10% instead.


 30.8433, 0.4101,
0.3740

 30.8433, 0.4101,
0.3740


305.8158, 0.3579,
0.3520

 20.4796, 0.4241,
0.3790


 60.9933, 0.3904,
0.3663

 12.7441, 0.4425,
0.3849


 81.5483, 0.3832,
0.3633

 7.2526, 0.4676,
0.3916


 106.2692, 0.3772,
0.3608

 3.6206, 0.5033,
0.3982

 135.5404, 0.3721,
0.3585

 1.4637, 0.5814,
0.4186

169.7462, 0.3678,
0.3566

 0.2629, 0.7127,
0.2873

209.2711, 0.3641,


 0.0000, 0.0000,


0.3549


0.0000


254.4995, 0.3608,
0.3534


 30.8433, 0.4101,
0.3740


 30.8433, 0.4101,
0.3740

 27.2082, 0.4404,
0.3829


 34.9514, 0.3829,
0.3640


 24.0231, 0.4728,
0.3897


 39.5450, 0.3590,
0.3536


 21.2700, 0.5059,
0.3930


 44.6420, 0.3384,
0.3434


 18.9273, 0.5372,
0.3917


 50.2578, 0.3207,
0.3337


 16.9708, 0.5640,
0.3852


 56.4070, 0.3056,
0.3246

 16.1341, 0.5758,
0.3810

 63.1039, 0.2926,
0.3162

 70.3619, 0.2816,
0.3085

 77.8434, 0.2749,
0.3071

 84.9213, 0.2760,
0.3201

Harmonies

Analogous

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



30.8433, 0.4020, 0.3354



30.8433, 0.4101, 0.3740



30.8433, 0.3901, 0.4054

Triad

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



30.8433, 0.4101, 0.3740



30.8433, 0.2581, 0.3609



30.8433, 0.2712, 0.2525

Complementary

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



30.8433, 0.4101, 0.3740



32.0355, 0.2440, 0.2779

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.



30.8433, 0.2379, 0.2534



30.8433, 0.4101, 0.3740



30.8433, 0.2307, 0.3120

Square

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



30.8433, 0.4101, 0.3740



30.8433, 0.3013, 0.4022



30.8433, 0.2238, 0.2735



30.8433, 0.3183, 0.2686

Rectangle

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



30.8433, 0.4101, 0.3740



30.8433, 0.3647, 0.4166



30.8433, 0.2238, 0.2735



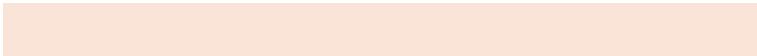
30.8433, 0.2582, 0.2508

Sweetspot

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



30.8448, 0.4101, 0.3740



80.8033, 0.3368, 0.3426



24.2166, 0.3555, 0.2564



16.8883, 0.3410, 0.3447



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.



30.8448, 0.4101, 0.3740



48.8848, 0.4397, 0.3828



45.5734, 0.3848, 0.4258



10.6907, 0.3280, 0.3378



10.8781, 0.5735, 0.3828



0.6032, 0.5316, 0.4161

Inverse Universe

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



32.0355, 0.2440, 0.2779



51.2287, 0.2304, 0.2644



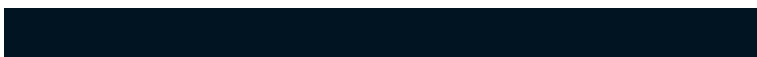
19.7738, 0.2319, 0.2084



10.7651, 0.2984, 0.3200



11.6085, 0.1892, 0.2010



0.6311, 0.1980, 0.2328

Previews

White Background



This preview shows how the Yxy color 30.8433, 0.4101, 0.3740 looks on a white background.

Color Contrast Check

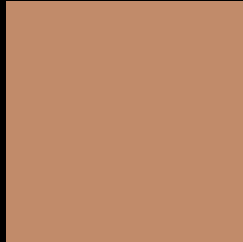
Large Text (above 18pt) WCAG AA × Fail

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 30.8433, 0.4101, 0.3740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

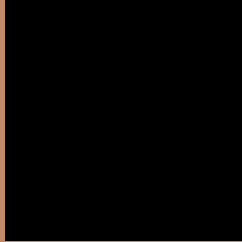
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.8433, 0.4101, 0.3740

Background



This preview shows how black text looks on a background with the Yxy color 30.8433, 0.4101, 0.3740.



This preview shows how white text looks on a background with the Yxy color 30.8433, 0.4101, 0.3740.

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

30.8433, 0.4101, 0.3740

Protanopia

30.9623, 0.3637, 0.3905

Deuteranopia

30.9740, 0.3930, 0.3864



Tritanopia

30.7996, 0.3724, 0.3158

Trichromacy



Original Color

30.8433, 0.4101, 0.3740

Protanomaly

30.8558, 0.3799, 0.3852

Deuteranomaly

30.9791, 0.3998, 0.3825

Tritanomaly

30.8221, 0.3868, 0.3373

Monochromacy



Original Color

30.8433, 0.4101, 0.3740

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.7237, 0.3450, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.8433, 0.4101, 0.3740 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(193, 139, 106)` looks like.

```
.text, #text, p{  
    color:rgb(193, 139, 106)  
}
```

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(193, 139, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 139, 106) }
```

Border

The CSS property to change the border of an element to Yxy 30.8433, 0.4101, 0.3740 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(193, 139, 106) }
```

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

```
.border{ border-color:rgb(193, 139, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 139, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 139, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 139, 106);  
box-shadow:4px 4px 4px 4px rgb(193, 139,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 30.8433, 0.4101, 0.3740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 139, 106) }
```

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

```
.background{ background-color: rgb(193,  
139, 106) }
```

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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