

Converting Colors

$Y_{xy}(30.9674, 0.3992, 0.3813)$

Have a look what the booklet for
Yxy(30.9674, 0.3992, 0.3813)
contains.

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Color

Yxy(30.9998, 0.3987, 0.3811)

Conversions

Conversions Part 1

Format	Color
Hex	B98F6A
RGB	185, 143, 106
RGB Percent	73%, 56%, 42%
CMY	0.2745, 0.4392, 0.5843
CMYK	0.00, 0.23, 0.43, 0.27
HSL	28°, 36%, 57%
HSV	28°, 43%, 73%
XYZ	32.4314, 30.9998, 17.9117
YIQ	151.3400, 36.9090, -2.6030

Conversions

Conversions Part 2

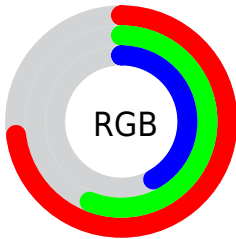
Format	Color
RYB	185, 176, 106
Decimal	12160874
CIELab	62.51, 11.00, 25.77
CIELCh	63, 28.020, 66.891
Yxy	30.9998, 0.3987, 0.3811
Android (android.graphics.Color)	4290350954 (0xFFB98F6A)
YUV	151.3400, -22.3526, 29.5198
Hunter-Lab	55.6775, 6.5385, 19.9003

Details

The Yxy color **30.9998, 0.3987, 0.3811** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **27.7473, 0.2456, 0.2695**, and the grayscale version is **31.1875, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.4558, 0.3814, 0.3715**, and **12.8800, 0.4269, 0.3960** is the 20% darker color. If you saturate the color by 10%, you get **27.8322, 0.4254, 0.3926**, and if you desaturate by 10%, it is **34.5123, 0.3744, 0.3687**.

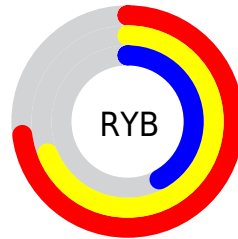
Distribution



Red (73%)

Green (56%)

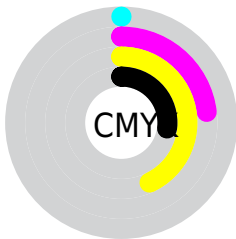
Blue (42%)



Red (73%)

Yellow (69%)

Blue (42%)

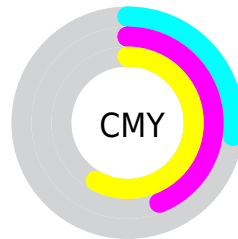


Cyan (0%)

Magenta (23%)

Yellow (43%)

Black (27%)



Cyan (27%)


Magenta (44%)


Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.9998, 0.3987, 0.3811 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 30.9998, 0.3987, 0.3811 by changing the saturation by 10% instead.


 30.9998, 0.3987,
0.3811


 30.9998, 0.3987,
0.3811


306.5374, 0.3528,
0.3548


 20.5987, 0.4110,
0.3874


 61.2398, 0.3814,
0.3716

 12.8310, 0.4271,
0.3953


 81.8474, 0.3751,
0.3680

 7.3123, 0.4489,
0.4050


 106.6260, 0.3698,
0.3650

 3.6581, 0.4798,
0.4164

 135.9600, 0.3654,
0.3624

 1.4842, 0.5514,
0.4486

170.2337, 0.3615,
0.3601

 0.2776, 0.6573,
0.3427

209.8316, 0.3582,

 0.0000, 0.0000,

0.3581

0.0000

255.1380, 0.3553,
0.3564

■ 30.9998, 0.3987,
0.3811

■ 30.9998, 0.3987,
0.3811

■ 27.8322, 0.4254,
0.3926

■ 34.5123, 0.3744,
0.3687

■ 24.9931, 0.4537,
0.4020

■ 38.3765, 0.3526,
0.3561

■ 22.4710, 0.4825,
0.4083

■ 42.6046, 0.3335,
0.3438

■ 20.2518, 0.5100,
0.4101

■ 47.2068, 0.3168,
0.3320

■ 18.3198, 0.5342,
0.4066

■ 52.1928, 0.3023,
0.3211

■ 17.0737, 0.5500,
0.4015

■ 57.5718, 0.2898,
0.3109

■ 63.3530, 0.2789,
0.3016

■ 69.5449, 0.2694,
0.2931

■ 74.9766, 0.2700,
0.3032

Harmonies

Analogous

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



30.9998, 0.3996, 0.3468



30.9998, 0.3987, 0.3811



30.9998, 0.3737, 0.4051

Triad

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



30.9998, 0.3987, 0.3811



30.9998, 0.2528, 0.3440



30.9998, 0.2875, 0.2615

Complementary

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



30.9998, 0.3987, 0.3811



27.7473, 0.2456, 0.2695

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.



30.9998, 0.2519, 0.2573



30.9998, 0.3987, 0.3811



30.9998, 0.2330, 0.3011

Square

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



30.9998, 0.3987, 0.3811



30.9998, 0.2889, 0.3855



30.9998, 0.2328, 0.2705



30.9998, 0.3327, 0.2808

Rectangle

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



30.9998, 0.3987, 0.3811



30.9998, 0.3477, 0.4102



30.9998, 0.2328, 0.2705



30.9998, 0.2741, 0.2583

Sweetspot

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



31.0013, 0.3987, 0.3811



75.9005, 0.3344, 0.3444



22.7661, 0.3627, 0.2706



15.9933, 0.3384, 0.3471



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.



31.0013, 0.3987, 0.3811



50.3155, 0.4230, 0.3916



44.9602, 0.3767, 0.4298



9.6871, 0.3276, 0.3397



11.7694, 0.5479, 0.4031



0.5390, 0.5064, 0.4361

Inverse Universe

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



27.7473, 0.2456, 0.2695



43.7240, 0.2318, 0.2540



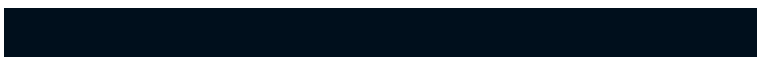
17.4282, 0.2347, 0.2032



9.4887, 0.2985, 0.3180



8.5248, 0.1807, 0.1706



0.4232, 0.1931, 0.2152

Previews

White Background



This preview shows how the Yxy color 30.9998, 0.3987, 0.3811 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 30.9998, 0.3987, 0.3811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

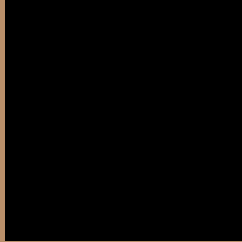
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.9998, 0.3987, 0.3811

Background



This preview shows how black text looks on a background with the Yxy color 30.9998, 0.3987, 0.3811.



This preview shows how white text looks on a background with the Yxy color 30.9998, 0.3987, 0.3811.

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

30.9998, 0.3987, 0.3811

Protanopia

31.0455, 0.3658, 0.3918

Deuteranopia

30.9947, 0.3919, 0.3850



Tritanopia

30.8483, 0.3591, 0.3140

Trichromacy



Original Color

30.9998, 0.3987, 0.3811

Protanomaly

30.9419, 0.3771, 0.3871

Deuteranomaly

30.9322, 0.3947, 0.3832

Tritanomaly

30.8501, 0.3742, 0.3375

Monochromacy



Original Color

30.9998, 0.3987, 0.3811

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.7156, 0.3415, 0.3488

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9998, 0.3987, 0.3811 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, 106)` looks like.

```
.text, #text, p{  
    color:rgb(185, 143, 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(185, 143, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 143, 106) }
```

Border

The CSS property to change the border of an element to Yxy 30.9998, 0.3987, 0.3811 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, 106) }
```

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

```
.border{ border-color:rgb(185, 143, 106) }
```

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, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 143, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 143, 106);  
box-shadow:4px 4px 4px 4px rgb(185, 143,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9998, 0.3987, 0.3811 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, 106) }
```

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

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