

Converting Colors

$Yxy(39.0307, 0.3812, 0.4142)$

Have a look what the booklet for
Yxy(39.0307, 0.3812, 0.4142)
contains.

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Color

Yxy(38.9910, 0.3812, 0.4141)

Conversions

Conversions Part 1

Format	Color
Hex	B6A86A
RGB	182, 168, 106
RGB Percent	71%, 66%, 42%
CMY	0.2863, 0.3411, 0.5842
CMYK	0.00, 0.08, 0.42, 0.29
HSL	49°, 34%, 56%
HSV	49°, 42%, 71%
XYZ	35.8932, 38.9910, 19.2742
YIQ	165.1180, 28.2460, -16.3140

Conversions

Conversions Part 2

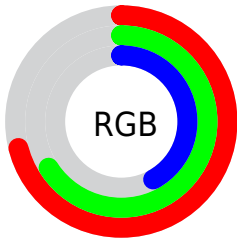
Format	Color
RYB	123, 182, 106
Decimal	11970666
CIELab	68.74, -3.87, 33.81
CIELCh	69, 34.036, 96.535
Yxy	38.9910, 0.3812, 0.4141
Android (android.graphics.Color)	4290160746 (0xFFB6A86A)
YUV	165.1180, -29.1452, 14.8055
Hunter-Lab	62.4428, -6.6700, 25.4089

Details

The Yxy color **38.9910, 0.3812, 0.4141** is a light color, and the websafe version is hex **999966**. A complement of this color would be **19.8726, 0.2400, 0.2260**, and the grayscale version is **37.8194, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5947, 0.3690, 0.3984**, and **17.3754, 0.4007, 0.4382** is the 20% darker color. If you saturate the color by 10%, you get **37.4332, 0.3982, 0.4329**, and if you desaturate by 10%, it is **40.6646, 0.3639, 0.3939**.

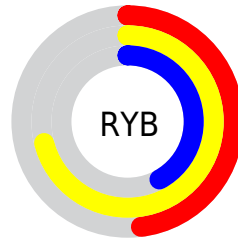
Distribution



Red (71%)

Green (66%)

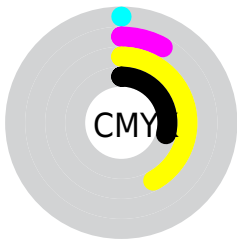
Blue (42%)



Red (48%)

Yellow (71%)

Blue (42%)

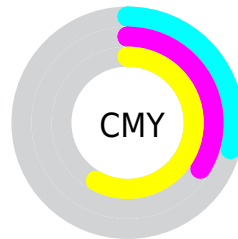


Cyan (0%)

Magenta (8%)

Yellow (42%)

Black (29%)



Cyan (29%)


Magenta (34%)


Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.9910, 0.3812, 0.4141 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 38.9910, 0.3812, 0.4141 by changing the saturation by 10% instead.


 38.9910, 0.3812,
0.4141


 38.9910, 0.3812,
0.4141


341.8522, 0.3469,
0.3707


 26.7527, 0.3895,
0.4249


 73.6246, 0.3689,
0.3983

 17.3876, 0.3997,
0.4385


 96.7887, 0.3642,
0.3923

 10.5112, 0.4126,
0.4562


 124.3635, 0.3602,
0.3873

 5.7392, 0.4285,
0.4791

 156.7334, 0.3568,
0.3830

 2.6872, 0.4677,
0.5323

194.2828, 0.3538,
0.3793

 0.9707, 0.4596,
0.5404

237.3962, 0.3512,

 0.0000, 0.0000,

0.3761

0.0000

286.4579, 0.3490,
0.3732

■ 38.9910, 0.3812,
0.4141

■ 38.9910, 0.3812,
0.4141

■ 37.4332, 0.3982,
0.4329

■ 40.6646, 0.3639,
0.3939

■ 35.9804, 0.4143,
0.4493

■ 42.4534, 0.3469,
0.3731

■ 34.6284, 0.4287,
0.4622

■ 44.3639, 0.3306,
0.3524

■ 33.3706, 0.4407,
0.4710

■ 46.4003, 0.3153,
0.3324

■ 32.1987, 0.4500,
0.4753

■ 48.5665, 0.3011,
0.3134

■ 31.2829, 0.4560,
0.4762

■ 50.8664, 0.2881,
0.2956

■ 53.3036, 0.2764,
0.2791

■ 55.8816, 0.2657,
0.2639

■ 57.6132, 0.2642,
0.2644

Harmonies

Analogous

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



38.9910, 0.4094, 0.3862



38.9910, 0.3812, 0.4141



38.9910, 0.3357, 0.4192

Triad

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



38.9910, 0.3812, 0.4141



38.9910, 0.2240, 0.2976



38.9910, 0.3343, 0.2750

Complementary

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



38.9910, 0.3812, 0.4141



19.8726, 0.2400, 0.2260

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.



38.9910, 0.2837, 0.2538



38.9910, 0.3812, 0.4141



38.9910, 0.2236, 0.2635

Square

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



38.9910, 0.3812, 0.4141



38.9910, 0.2459, 0.3463



38.9910, 0.2444, 0.2491



38.9910, 0.3821, 0.3082

Rectangle

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



38.9910, 0.3812, 0.4141



38.9910, 0.3023, 0.4054



38.9910, 0.2444, 0.2491



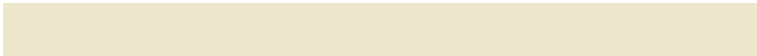
38.9910, 0.3169, 0.2664

Sweetspot

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



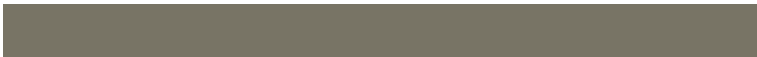
38.9928, 0.3812, 0.4141



79.9227, 0.3329, 0.3554



21.6403, 0.3963, 0.3073



17.4809, 0.3365, 0.3600



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.



38.9928, 0.3812, 0.4141



68.1261, 0.3967, 0.4313



41.8804, 0.3525, 0.4386



10.2148, 0.3268, 0.3475



22.1860, 0.4555, 0.4765



0.8560, 0.4446, 0.4852

Inverse Universe

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



19.8726, 0.2400, 0.2260



28.8841, 0.2223, 0.1988



18.3404, 0.2584, 0.2095



8.9796, 0.2984, 0.3098



3.2449, 0.1552, 0.0788



0.1961, 0.1676, 0.1235

Previews

White Background



This preview shows how the Yxy color 38.9910, 0.3812, 0.4141 looks on a white background.

Color Contrast Check

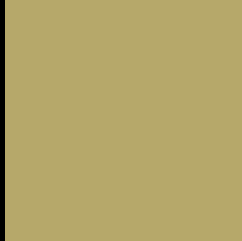
Large Text (above 18pt) WCAG AA × Fail

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 38.9910, 0.3812, 0.4141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

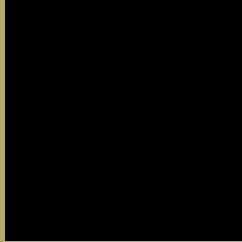
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

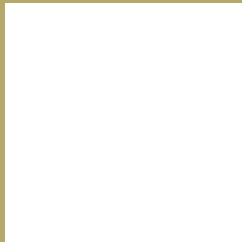
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.9910, 0.3812, 0.4141

Background



This preview shows how black text looks on a background with the Yxy color 38.9910, 0.3812, 0.4141.



This preview shows how white text looks on a background with the Yxy color 38.9910, 0.3812, 0.4141.

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

38.9910, 0.3812, 0.4141

Protanopia

39.1132, 0.3822, 0.4138

Deuteranopia

38.7809, 0.4044, 0.3957



Tritanopia

38.9390, 0.3298, 0.3132

Trichromacy



Original Color

38.9910, 0.3812, 0.4141

Protanomaly

39.1132, 0.3822, 0.4138

Deuteranomaly

38.8580, 0.3964, 0.4026

Tritanomaly

38.7716, 0.3488, 0.3495

Monochromacy



Original Color

38.9910, 0.3812, 0.4141

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.9440, 0.3370, 0.3605

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9910, 0.3812, 0.4141 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(182, 168, 106)` looks like.

```
.text, #text, p{  
    color:rgb(182, 168, 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(182, 168, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 168, 106) }
```

Border

The CSS property to change the border of an element to Yxy 38.9910, 0.3812, 0.4141 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(182, 168, 106) }
```

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

```
.border{ border-color:rgb(182, 168, 106) }
```

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

Here you see how a box with a 4 pixel rgb(182, 168, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 168, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 168, 106);  
box-shadow:4px 4px 4px 4px rgb(182, 168,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9910, 0.3812, 0.4141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 168, 106) }
```

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

```
.background{ background-color: rgb(182,  
168, 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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