

Converting Colors

$Yxy(38.1386, 0.3813, 0.4120)$

Have a look what the booklet for
Yxy(38.1386, 0.3813, 0.4120)
contains.

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Color

Yxy(38.1368, 0.3813, 0.4120)

Conversions

Conversions Part 1

Format	Color
Hex	B5A66A
RGB	181, 166, 106
RGB Percent	71%, 65%, 42%
CMY	0.2902, 0.3490, 0.5844
CMYK	0.00, 0.08, 0.41, 0.29
HSL	48°, 34%, 56%
HSV	48°, 41%, 71%
XYZ	35.2951, 38.1368, 19.1332
YIQ	163.6450, 28.2000, -15.4800

Conversions

Conversions Part 2

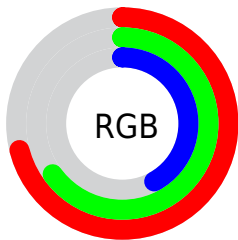
Format	Color
RYB	125, 181, 106
Decimal	11904618
CIELab	68.12, -3.21, 33.01
CIELCh	68, 33.169, 95.545
Yxy	38.1368, 0.3813, 0.4120
Android (android.graphics.Color)	4290094698 (0xFFB5A66A)
YUV	163.6450, -28.4190, 15.2203
Hunter-Lab	61.7550, -6.0525, 24.8590

Details

The Yxy color **38.1368, 0.3813, 0.4120** is a light color, and the websafe version is hex **999966**. A complement of this color would be **20.0743, 0.2409, 0.2290**, and the grayscale version is **37.0753, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.3587, 0.3689, 0.3967**, and **16.8421, 0.4012, 0.4357** is the 20% darker color. If you saturate the color by 10%, you get **36.5028, 0.3987, 0.4306**, and if you desaturate by 10%, it is **39.8909, 0.3637, 0.3921**.

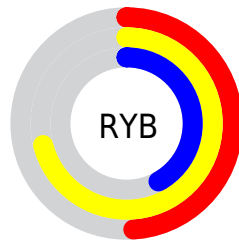
Distribution



Red (71%)

Green (65%)

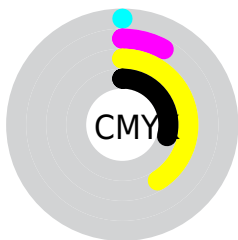
Blue (42%)



Red (49%)

Yellow (71%)

Blue (42%)

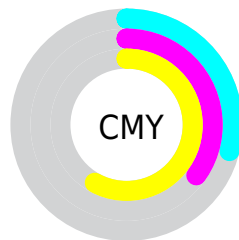


Cyan (0%)

Magenta (8%)

Yellow (41%)

Black (29%)



Cyan (29%)

Magenta (35%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1368, 0.3813, 0.4120 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 38.1368, 0.3813, 0.4120 by changing the saturation by 10% instead.


 38.1368, 0.3813,
0.4120


 38.1368, 0.3813,
0.4120


338.2064, 0.3468,
0.3695

 26.0889, 0.3897,
0.4226


 72.3178, 0.3688,
0.3965


 16.8901, 0.4002,
0.4360


 95.2196, 0.3641,
0.3907

 10.1562, 0.4134,
0.4534


 122.5082, 0.3601,
0.3858

 5.5026, 0.4300,
0.4760

 154.5680, 0.3567,
0.3816

 2.5451, 0.4708,
0.5292

191.7833, 0.3537,
0.3780

 0.8991, 0.4633,
0.5367

234.5385, 0.3511,

 0.0000, 0.0000,

0.3748

0.0000

283.2181, 0.3488,
0.3720

■ 38.1368, 0.3813,
0.4120

■ 38.1368, 0.3813,
0.4120

■ 36.5028, 0.3987,
0.4306

■ 39.8909, 0.3637,
0.3921

■ 34.9782, 0.4153,
0.4468

■ 41.7647, 0.3465,
0.3716

■ 33.5590, 0.4303,
0.4597

■ 43.7645, 0.3302,
0.3513

■ 32.2383, 0.4430,
0.4684

■ 45.8945, 0.3148,
0.3318

■ 31.0082, 0.4529,
0.4725

■ 48.1588, 0.3007,
0.3132

■ 30.0143, 0.4597,
0.4732

■ 50.5612, 0.2878,
0.2958

■ 53.1053, 0.2761,
0.2797

■ 55.7946, 0.2656,
0.2649

■ 57.7045, 0.2636,
0.2649

Harmonies

Analogous

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



38.1368, 0.4082, 0.3842



38.1368, 0.3813, 0.4120



38.1368, 0.3370, 0.4177

Triad

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



38.1368, 0.3813, 0.4120



38.1368, 0.2258, 0.2997



38.1368, 0.3323, 0.2750

Complementary

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



38.1368, 0.3813, 0.4120



20.0743, 0.2409, 0.2290

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.



38.1368, 0.2827, 0.2546



38.1368, 0.3813, 0.4120



38.1368, 0.2247, 0.2655

Square

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



38.1368, 0.3813, 0.4120



38.1368, 0.2481, 0.3477



38.1368, 0.2446, 0.2506



38.1368, 0.3795, 0.3074

Rectangle

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



38.1368, 0.3813, 0.4120



38.1368, 0.3042, 0.4049



38.1368, 0.2446, 0.2506



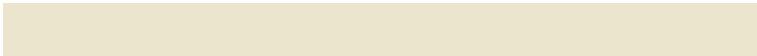
38.1368, 0.3152, 0.2666

Sweetspot

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



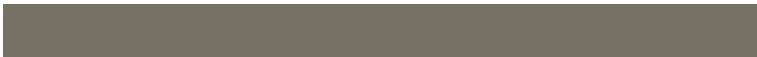
38.1386, 0.3813, 0.4120



78.0932, 0.3314, 0.3529



21.5421, 0.3936, 0.3057



16.7779, 0.3334, 0.3554



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.1386, 0.3813, 0.4120



65.5407, 0.3977, 0.4295



41.5405, 0.3534, 0.4373



9.6121, 0.3268, 0.3471



20.7878, 0.4591, 0.4737



0.7276, 0.4461, 0.4840

Inverse Universe

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



20.0743, 0.2409, 0.2290



28.7586, 0.2228, 0.2015



18.1734, 0.2576, 0.2101



8.4964, 0.2985, 0.3102



3.2595, 0.1560, 0.0816



0.1831, 0.1699, 0.1317

Previews

White Background



This preview shows how the Yxy color 38.1368, 0.3813, 0.4120 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 38.1368, 0.3813, 0.4120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

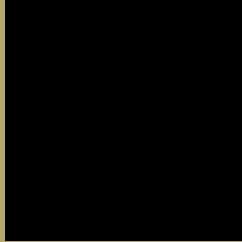
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.1368, 0.3813, 0.4120

Background



This preview shows how black text looks on a background with the Yxy color 38.1368, 0.3813, 0.4120.



This preview shows how white text looks on a background with the Yxy color 38.1368, 0.3813, 0.4120.

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

38.1368, 0.3813, 0.4120

Protanopia

38.1368, 0.3813, 0.4120

Deuteranopia

38.1583, 0.4030, 0.3951



Tritanopia

38.0474, 0.3310, 0.3131

Trichromacy



Original Color

38.1368, 0.3813, 0.4120

Protanomaly

38.1368, 0.3813, 0.4120

Deuteranomaly

38.2397, 0.3949, 0.4020

Tritanomaly

37.9106, 0.3493, 0.3483

Monochromacy



Original Color

38.1368, 0.3813, 0.4120

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.4395, 0.3371, 0.3607

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1368, 0.3813, 0.4120 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(181, 166, 106)` looks like.

```
.text, #text, p{  
    color:rgb(181, 166, 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(181, 166, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 166, 106) }
```

Border

The CSS property to change the border of an element to Yxy 38.1368, 0.3813, 0.4120 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(181, 166, 106) }
```

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

```
.border{ border-color:rgb(181, 166, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 166, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 166, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 166, 106);  
box-shadow:4px 4px 4px 4px rgb(181, 166,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1368, 0.3813, 0.4120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 166, 106) }
```

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

```
.background{ background-color: rgb(181,  
166, 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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