

Converting Colors

$Yxy(37.9720, 0.3747, 0.4098)$

Have a look what the booklet for
Yxy(37.9720, 0.3747, 0.4098)
contains.

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Color

Yxy(38.0887, 0.3741, 0.4105)

Conversions

Conversions Part 1

Format	Color
Hex	B1A76D
RGB	177, 167, 109
RGB Percent	69%, 65%, 43%
CMY	0.3058, 0.3451, 0.5726
CMYK	0.00, 0.06, 0.38, 0.31
HSL	51°, 30%, 56%
HSV	51°, 38%, 69%
XYZ	34.7113, 38.0887, 19.9861
YIQ	163.3780, 24.5780, -15.9180

Conversions

Conversions Part 2

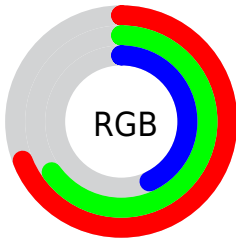
Format	Color
RYB	121, 177, 109
Decimal	11642733
CIELab	68.09, -5.05, 31.31
CIElCh	68, 31.716, 99.153
Yxy	38.0887, 0.3741, 0.4105
Android (android.graphics.Color)	4289832813 (0xFFB1A76D)
YUV	163.3780, -26.8084, 11.9465
Hunter-Lab	61.7160, -7.6084, 24.0008

Details

The Yxy color **38.0887, 0.3741, 0.4105** is a light color, and the websafe version is hex **999966**. A complement of this color would be **19.6168, 0.2459, 0.2315**, and the grayscale version is **36.9353, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.3082, 0.3634, 0.3952**, and **16.7987, 0.3912, 0.4348** is the 20% darker color. If you saturate the color by 10%, you get **36.8024, 0.3905, 0.4305**, and if you desaturate by 10%, it is **39.4744, 0.3574, 0.3893**.

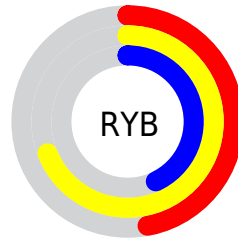
Distribution



Red (69%)

Green (65%)

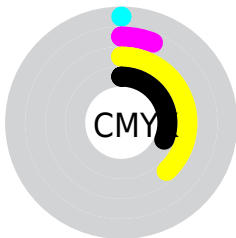
Blue (43%)



Red (47%)

Yellow (69%)

Blue (43%)

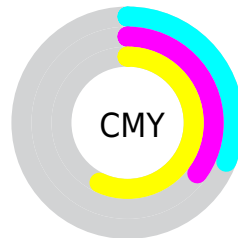


Cyan (0%)

Magenta (6%)

Yellow (38%)

Black (31%)



Cyan (31%)


Magenta (35%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0887, 0.3741, 0.4105 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 38.0887, 0.3741, 0.4105 by changing the saturation by 10% instead.


 38.0887, 0.3741,
0.4105


 38.0887, 0.3741,
0.4105


338.0003, 0.3432,
0.3685

 26.0515, 0.3816,
0.4211


 72.2441, 0.3630,
0.3951

 16.8622, 0.3910,
0.4348


 95.1311, 0.3587,
0.3893

 10.1363, 0.4029,
0.4527


 122.4035, 0.3552,
0.3844

 5.4894, 0.4179,
0.4766

 154.4457, 0.3521,
0.3803

 2.5372, 0.4612,
0.5388

191.6421, 0.3494,
0.3767

 0.8952, 0.4484,
0.5516

234.3770, 0.3471,

 0.0000, 0.0000,

0.3736

0.0000

283.0350, 0.3450,
0.3709

■ 38.0887, 0.3741,
0.4105

■ 38.0887, 0.3741,
0.4105

■ 36.8024, 0.3905,
0.4305

■ 39.4744, 0.3574,
0.3893

■ 35.6056, 0.4059,
0.4483

■ 40.9588, 0.3410,
0.3677

■ 34.4948, 0.4198,
0.4630

■ 42.5475, 0.3253,
0.3464

■ 33.4641, 0.4314,
0.4737

■ 44.2443, 0.3105,
0.3258

■ 32.5065, 0.4404,
0.4801

■ 46.0530, 0.2967,
0.3064

■ 31.6102, 0.4468,
0.4824

■ 47.9767, 0.2841,
0.2882

■ 31.4722, 0.4478,
0.4827

■ 50.0188, 0.2726,
0.2715

■ 52.1823, 0.2622,
0.2560

■ 53.5841, 0.2600,
0.2547

Harmonies

Analogous

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



38.0887, 0.4023, 0.3861



38.0887, 0.3741, 0.4105



38.0887, 0.3305, 0.4124

Triad

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



38.0887, 0.3741, 0.4105



38.0887, 0.2281, 0.2963



38.0887, 0.3374, 0.2804

Complementary

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



38.0887, 0.3741, 0.4105



19.6168, 0.2459, 0.2315

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.



38.0887, 0.2894, 0.2591



38.0887, 0.3741, 0.4105



38.0887, 0.2295, 0.2655

Square

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



38.0887, 0.3741, 0.4105



38.0887, 0.2473, 0.3411



38.0887, 0.2509, 0.2533



38.0887, 0.3811, 0.3127

Rectangle

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



38.0887, 0.3741, 0.4105



38.0887, 0.2991, 0.3978



38.0887, 0.2509, 0.2533



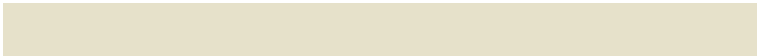
38.0887, 0.3211, 0.2718

Sweetspot

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



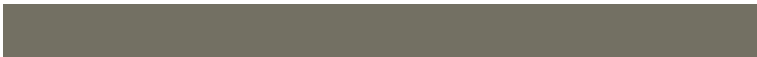
38.0904, 0.3741, 0.4105



75.0963, 0.3311, 0.3544



21.6190, 0.3914, 0.3141



16.1967, 0.3331, 0.3570



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



38.0904, 0.3741, 0.4105



66.2725, 0.3878, 0.4273



39.3433, 0.3464, 0.4305



9.6894, 0.3267, 0.3483



22.8695, 0.4474, 0.4830



0.7774, 0.4384, 0.4901

Inverse Universe

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



19.6168, 0.2459, 0.2315



28.5633, 0.2294, 0.2059



19.0789, 0.2674, 0.2214



8.4252, 0.2985, 0.3090



2.8932, 0.1538, 0.0736



0.1538, 0.1652, 0.1146

Previews

White Background



This preview shows how the Yxy color 38.0887, 0.3741, 0.4105 looks on a white background.

Color Contrast Check

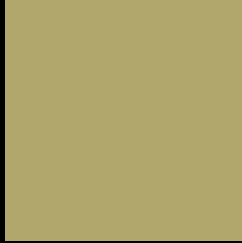
Large Text (above 18pt) WCAG AA × Fail

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 38.0887, 0.3741, 0.4105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

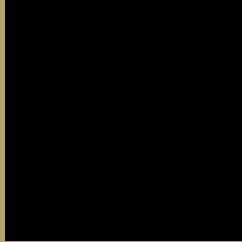
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.0887, 0.3741, 0.4105

Background



This preview shows how black text looks on a background with the Yxy color 38.0887, 0.3741, 0.4105.



This preview shows how white text looks on a background with the Yxy color 38.0887, 0.3741, 0.4105.

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

38.0887, 0.3741, 0.4105

Protanopia

38.0799, 0.3776, 0.4083

Deuteranopia

38.0861, 0.3992, 0.3916



Tritanopia

37.9652, 0.3251, 0.3116

Trichromacy



Original Color

38.0887, 0.3741, 0.4105

Protanomaly

37.9603, 0.3766, 0.4086

Deuteranomaly

38.0428, 0.3902, 0.3988

Tritanomaly

37.8343, 0.3431, 0.3471

Monochromacy



Original Color

38.0887, 0.3741, 0.4105

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.8589, 0.3353, 0.3595

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0887, 0.3741, 0.4105 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(177, 167, 109)` looks like.

```
.text, #text, p{  
    color:rgb(177, 167, 109)  
}
```

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(177, 167, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 167, 109) }
```

Border

The CSS property to change the border of an element to Yxy 38.0887, 0.3741, 0.4105 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(177, 167, 109) }
```

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

```
.border{ border-color:rgb(177, 167, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 167, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 167, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 167, 109);  
box-shadow:4px 4px 4px 4px rgb(177, 167,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0887, 0.3741, 0.4105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 167, 109) }
```

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

```
.background{ background-color: rgb(177,  
167, 109) }
```

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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