

Converting Colors

$Yxy(38.1008, 0.3776, 0.4271)$

Have a look what the booklet for
Yxy(38.1008, 0.3776, 0.4271)
contains.

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Color

Yxy(38.1610, 0.3774, 0.4277)

Conversions

Conversions Part 1

Format	Color
Hex	ADA963
RGB	173, 169, 99
RGB Percent	68%, 66%, 39%
CMY	0.3216, 0.3372, 0.6118
CMYK	0.00, 0.02, 0.43, 0.32
HSL	57°, 31%, 53%
HSV	57°, 43%, 68%
XYZ	33.6730, 38.1610, 17.3897
YIQ	162.2160, 24.8540, -20.9220

Conversions

Conversions Part 2

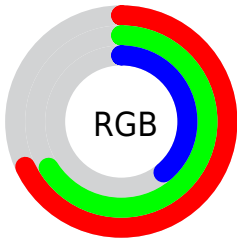
Format	Color
RYB	103, 173, 99
Decimal	11381091
CIELab	68.14, -8.87, 36.56
CIElCh	68, 37.618, 103.644
Yxy	38.1610, 0.3774, 0.4277
Android (android.graphics.Color)	4289571171 (0xFFADA963)
YUV	162.2160, -31.1655, 9.4576
Hunter-Lab	61.7746, -10.8060, 26.5519

Details

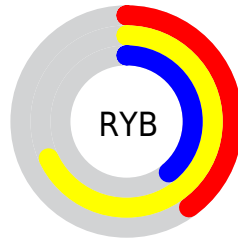
The Yxy color **38.1610, 0.3774, 0.4277** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.3643, 0.2354, 0.2063**, and the grayscale version is **36.3781, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.3687, 0.3664, 0.4087**, and **16.8748, 0.3939, 0.4570** is the 20% darker color. If you saturate the color by 10%, you get **37.5203, 0.3913, 0.4482**, and if you desaturate by 10%, it is **38.8785, 0.3624, 0.4053**.

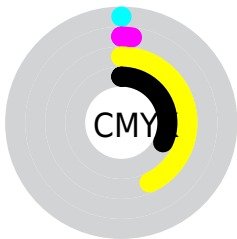
Distribution



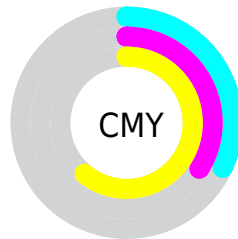
- Red (68%)
- Green (66%)
- Blue (39%)



- Red (40%)
- Yellow (68%)
- Blue (39%)



- Cyan (0%)
- Magenta (2%)
- Yellow (43%)
- Black (32%)





- Cyan (32%)
- Magenta (34%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.1610, 0.3774, 0.4277 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 38.1610, 0.3774, 0.4277 by changing the saturation by 10% instead.


 38.1610, 0.3774,
0.4277


 38.1610, 0.3774,
0.4277


338.3101, 0.3455,
0.3767

 26.1077, 0.3848,
0.4406

 72.3548, 0.3661,
0.4090


 16.9042, 0.3938,
0.4569


 95.2641, 0.3618,
0.4020

 10.1662, 0.4046,
0.4782


 122.5609, 0.3580,
0.3961

 5.5093, 0.4169,
0.5062

 154.6295, 0.3548,
0.3911

 2.5491, 0.4409,
0.5591

191.8543, 0.3520,
0.3867

 0.9011, 0.4152,
0.5848

234.6197, 0.3496,

 0.0000, 0.0000,

0.3829

0.0000

283.3102, 0.3474,
0.3796

■ 38.1610, 0.3774,
0.4277

■ 38.1610, 0.3774,
0.4277

■ 37.5203, 0.3913,
0.4482

■ 38.8785, 0.3624,
0.4053

■ 36.9467, 0.4036,
0.4658

■ 39.6719, 0.3470,
0.3819

■ 36.4367, 0.4138,
0.4799


■ 40.5465, 0.3317,
0.3584

■ 35.9846, 0.4215,
0.4897

■ 41.5062, 0.3167,
0.3353


■ 35.5833, 0.4265,
0.4953

■ 42.5542, 0.3026,
0.3132

 35.3144, 0.4290,
0.4976

 43.6937, 0.2893,
0.2924

 44.9277, 0.2771,
0.2730

 46.2591, 0.2659,
0.2552

 47.6907, 0.2557,
0.2390

Harmonies

Analogous

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



38.1610, 0.4149, 0.4004



38.1610, 0.3774, 0.4277



38.1610, 0.3244, 0.4266

Triad

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



38.1610, 0.3774, 0.4277



38.1610, 0.2127, 0.2828



38.1610, 0.3501, 0.2771

Complementary

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



38.1610, 0.3774, 0.4277



15.3643, 0.2354, 0.2063

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.



38.1610, 0.2929, 0.2504



38.1610, 0.3774, 0.4277



38.1610, 0.2179, 0.2506

Square

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



38.1610, 0.3774, 0.4277



38.1610, 0.2310, 0.3342



38.1610, 0.2457, 0.2405



38.1610, 0.4001, 0.3156

Rectangle

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



38.1610, 0.3774, 0.4277



38.1610, 0.2879, 0.4059



38.1610, 0.2457, 0.2405



38.1610, 0.3308, 0.2666

Sweetspot

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



38.1627, 0.3774, 0.4277



72.5437, 0.3323, 0.3594



18.8019, 0.4141, 0.3219



15.6898, 0.3356, 0.3644



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



38.1627, 0.3774, 0.4277



67.2940, 0.3901, 0.4465



36.4443, 0.3437, 0.4447



9.2550, 0.3264, 0.3502



25.9705, 0.4289, 0.4977



0.7444, 0.4257, 0.5002

Inverse Universe

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



15.3643, 0.2354, 0.2063



21.2375, 0.2166, 0.1756



16.7666, 0.2679, 0.2102



7.8240, 0.2985, 0.3068



2.3929, 0.1512, 0.0643



0.0886, 0.1563, 0.0826

Previews

White Background



This preview shows how the Yxy color 38.1610, 0.3774, 0.4277 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 38.1610, 0.3774, 0.4277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

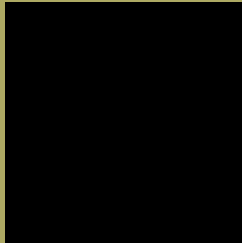
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.1610, 0.3774, 0.4277

Background



This preview shows how black text looks on a background with the Yxy color 38.1610, 0.3774, 0.4277.



This preview shows how white text looks on a background with the Yxy color 38.1610, 0.3774, 0.4277.

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

38.1610, 0.3774, 0.4277

Protanopia

38.0994, 0.3891, 0.4220

Deuteranopia

38.1534, 0.4104, 0.4032



Tritanopia

37.9825, 0.3212, 0.3114

Trichromacy



Original Color

38.1610, 0.3774, 0.4277

Protanomaly

38.1030, 0.3854, 0.4243

Deuteranomaly

38.1909, 0.3985, 0.4126

Tritanomaly

37.7347, 0.3427, 0.3529

Monochromacy



Original Color

38.1610, 0.3774, 0.4277

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.8813, 0.3368, 0.3670

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1610, 0.3774, 0.4277 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(173, 169, 99)` looks like.

```
.text, #text, p{  
    color:rgb(173, 169, 99)  
}
```

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(173, 169, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 169, 99) }
```

Border

The CSS property to change the border of an element to Yxy 38.1610, 0.3774, 0.4277 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(173, 169, 99) }
```

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

```
.border{ border-color:rgb(173, 169, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 169, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 169, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 169, 99);  
box-shadow:4px 4px 4px 4px rgb(173, 169,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1610, 0.3774, 0.4277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 169, 99) }
```

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

```
.background{ background-color: rgb(173,  
169, 99) }
```

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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