

Converting Colors

$Yxy(38.1142, 0.3547, 0.3801)$

Have a look what the booklet for
Yxy(38.1142, 0.3547, 0.3801)
contains.

Yxy(38.1142, 0.3547, 0.3801)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.1142, 0.3547, 0.3801)

Conversions

Conversions Part 1

Format	Color
Hex	B0A682
RGB	176, 166, 130
RGB Percent	69%, 65%, 51%
CMY	0.3098, 0.3490, 0.4903
CMYK	0.00, 0.06, 0.26, 0.31
HSL	47°, 23%, 60%
HSV	47°, 26%, 69%
XYZ	35.5672, 38.1142, 26.5927
YIQ	164.8860, 17.5160, -9.0760

Conversions

Conversions Part 2

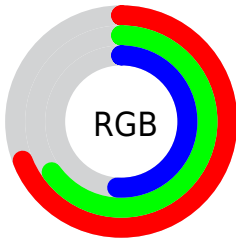
Format	Color
RYB	143, 176, 130
Decimal	11576962
CIELab	68.10, -2.21, 19.99
CIELCh	68, 20.115, 96.314
Yxy	38.1142, 0.3547, 0.3801
Android (android.graphics.Color)	4289767042 (0xFFB0A682)
YUV	164.8860, -17.1988, 9.7470
Hunter-Lab	61.7367, -5.2033, 17.6769

Details

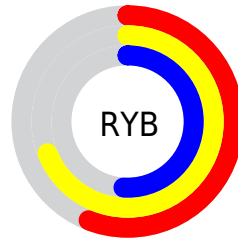
The Yxy color **38.1142, 0.3547, 0.3801** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.6228, 0.2699, 0.2721**, and the grayscale version is **37.6465, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.2876, 0.3468, 0.3704**, and **16.8248, 0.3681, 0.3961** is the 20% darker color. If you saturate the color by 10%, you get **36.3154, 0.3723, 0.4000**, and if you desaturate by 10%, it is **40.0385, 0.3378, 0.3601**.

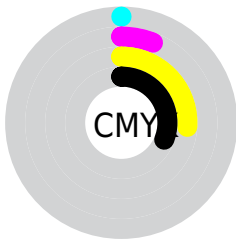
Distribution



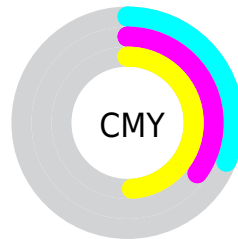
- Red (69%)
- Green (65%)
- Blue (51%)



- Red (56%)
- Yellow (69%)
- Blue (51%)



- Cyan (0%)
- Magenta (6%)
- Yellow (26%)
- Black (31%)





- Cyan (31%)
- Magenta (35%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1142, 0.3547, 0.3801 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 38.1142, 0.3547, 0.3801 by changing the saturation by 10% instead.


 38.1142, 0.3547,
0.3801


 38.1142, 0.3547,
0.3801


338.1096, 0.3332,
0.3537

 26.0713, 0.3602,
0.3869


 72.2831, 0.3468,
0.3703

 16.8770, 0.3673,
0.3958


 95.1780, 0.3438,
0.3667

 10.1468, 0.3767,
0.4079


 122.4590, 0.3414,
0.3636

 5.4964, 0.3899,
0.4249

154.5105, 0.3392,
0.3610

 2.5414, 0.4097,
0.4511

191.7169, 0.3374,
0.3588

 0.8973, 0.4710,
0.5290

234.4627, 0.3358,

 0.0000, 0.0000,

0.3569

0.0000

283.1321, 0.3344,
0.3552

■ 38.1142, 0.3547,
0.3801

■ 38.1142, 0.3547,
0.3801

■ 36.3154, 0.3723,
0.4000

■ 40.0385, 0.3378,
0.3601

■ 34.6324, 0.3902,
0.4191

■ 42.0874, 0.3219,
0.3406

■ 33.0621, 0.4078,
0.4364

■ 44.2664, 0.3072,
0.3219

■ 31.5994, 0.4242,
0.4509

■ 46.5792, 0.2938,
0.3044

■ 30.2381, 0.4389,
0.4617

■ 49.0294, 0.2816,
0.2881

■ 28.9716, 0.4510,
0.4681

■ 51.6204, 0.2706,
0.2730

■ 27.7909, 0.4602,
0.4700

■ 54.3553, 0.2607,
0.2592

■ 27.3517, 0.4635,
0.4702

■ 56.1796, 0.2602,
0.2619

■ 57.9305, 0.2607,
0.2664

Harmonies

Analogous

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



38.1142, 0.3706, 0.3650



38.1142, 0.3547, 0.3801



38.1142, 0.3278, 0.3813

Triad

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



38.1142, 0.3547, 0.3801



38.1142, 0.2583, 0.3117



38.1142, 0.3259, 0.2955

Complementary

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



38.1142, 0.3547, 0.3801



26.6228, 0.2699, 0.2721

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.



38.1142, 0.2955, 0.2822



38.1142, 0.3547, 0.3801



38.1142, 0.2577, 0.2901

Square

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



38.1142, 0.3547, 0.3801



38.1142, 0.2726, 0.3400



38.1142, 0.2710, 0.2799



38.1142, 0.3538, 0.3168

Rectangle

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



38.1142, 0.3547, 0.3801



38.1142, 0.3076, 0.3730



38.1142, 0.2710, 0.2799



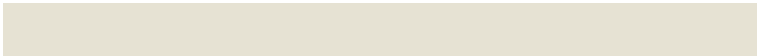
38.1142, 0.3156, 0.2900

Sweetspot

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



38.1159, 0.3547, 0.3801



75.5808, 0.3250, 0.3444



27.1029, 0.3547, 0.3134



16.2586, 0.3273, 0.3473



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.



38.1159, 0.3547, 0.3801



67.3473, 0.3642, 0.3909



40.5215, 0.3398, 0.3956



9.5875, 0.3268, 0.3467



20.1587, 0.4629, 0.4706



0.7123, 0.4486, 0.4820

Inverse Universe

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



26.6228, 0.2699, 0.2721



43.1813, 0.2600, 0.2583



24.8662, 0.2804, 0.2581



8.5192, 0.2985, 0.3106



3.3984, 0.1569, 0.0846



0.1925, 0.1714, 0.1369

Previews

White Background



This preview shows how the Yxy color 38.1142, 0.3547, 0.3801 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 38.1142, 0.3547, 0.3801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

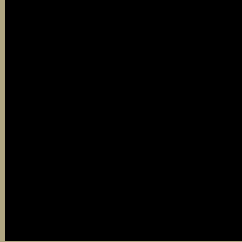
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

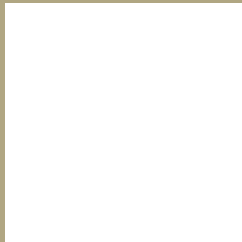
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.1142, 0.3547, 0.3801

Background



This preview shows how black text looks on a background with the Yxy color 38.1142, 0.3547, 0.3801.



This preview shows how white text looks on a background with the Yxy color 38.1142, 0.3547, 0.3801.

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

38.1142, 0.3547, 0.3801

Protanopia

38.2313, 0.3557, 0.3799

Deuteranopia

37.9043, 0.3747, 0.3666



Tritanopia

37.9825, 0.3212, 0.3114

Trichromacy



Original Color

38.1142, 0.3547, 0.3801

Protanomaly

38.2313, 0.3557, 0.3799

Deuteranomaly

38.0441, 0.3663, 0.3715

Tritanomaly

37.8587, 0.3337, 0.3360

Monochromacy



Original Color

38.1142, 0.3547, 0.3801

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.6123, 0.3280, 0.3476

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1142, 0.3547, 0.3801 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(176, 166, 130)` looks like.

```
.text, #text, p{  
    color:rgb(176, 166, 130)  
}
```

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(176, 166, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 166, 130) }
```

Border

The CSS property to change the border of an element to Yxy 38.1142, 0.3547, 0.3801 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(176, 166, 130) }
```

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

```
.border{ border-color:rgb(176, 166, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 166, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 166, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 166, 130);  
box-shadow:4px 4px 4px 4px rgb(176, 166,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1142, 0.3547, 0.3801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 166, 130) }
```

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

```
.background{ background-color: rgb(176,  
166, 130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor