

Converting Colors

$Yxy(38.3931, 0.3909, 0.4257)$

Have a look what the booklet for
Yxy(38.3931, 0.3909, 0.4257)
contains.

Yxy(38.4270, 0.3902, 0.4257)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.4270, 0.3902, 0.4257)

Conversions

Conversions Part 1

Format	Color
Hex	B6A760
RGB	182, 167, 96
RGB Percent	71%, 65%, 38%
CMY	0.2862, 0.3451, 0.6237
CMYK	0.00, 0.08, 0.47, 0.29
HSL	50°, 37%, 55%
HSV	50°, 47%, 71%
XYZ	35.2225, 38.4270, 16.6183
YIQ	163.3910, 31.7310, -18.9010

Conversions

Conversions Part 2

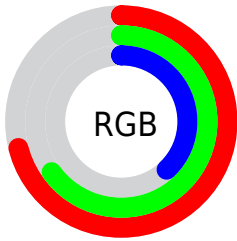
Format	Color
RYB	114, 182, 96
Decimal	11970400
CIELab	68.33, -4.37, 38.52
CIELCh	68, 38.768, 96.471
Yxy	38.4270, 0.3902, 0.4257
Android (android.graphics.Color)	4290160480 (0xFFB6A760)
YUV	163.3910, -33.2238, 16.3201
Hunter-Lab	61.9895, -7.0578, 27.4981

Details

The Yxy color **38.4270, 0.3902, 0.4257** is a light color, and the websafe version is hex **999966**. A complement of this color would be **17.2268, 0.2289, 0.2081**, and the grayscale version is **36.9695, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.7314, 0.3761, 0.4079**, and **16.9787, 0.4102, 0.4524** is the 20% darker color. If you saturate the color by 10%, you get **36.9823, 0.4065, 0.4434**, and if you desaturate by 10%, it is **39.9814, 0.3732, 0.4060**.

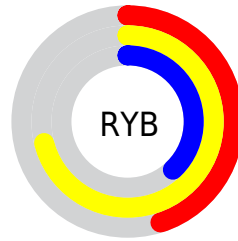
Distribution



Red (71%)

Green (65%)

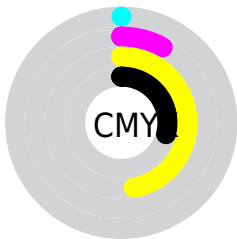
Blue (38%)



Red (45%)

Yellow (71%)

Blue (38%)

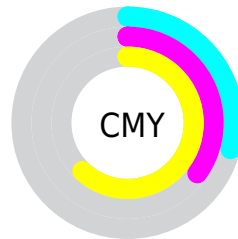


Cyan (0%)

Magenta (8%)

Yellow (47%)

Black (29%)



Cyan (29%)


Magenta (35%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.4270, 0.3902, 0.4257 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 38.4270, 0.3902, 0.4257 by changing the saturation by 10% instead.


 38.4270, 0.3902,
0.4257


 38.4270, 0.3902,
0.4257


339.4482, 0.3517,
0.3766


 26.3143, 0.3992,
0.4377


 72.7621, 0.3765,
0.4079


 17.0589, 0.4102,
0.4527


 95.7533, 0.3713,
0.4012

 10.2765, 0.4236,
0.4716


 123.1395, 0.3668,
0.3955

 5.5827, 0.4398,
0.4960

 155.3050, 0.3629,
0.3906

 2.5930, 0.4649,
0.5351

192.6342, 0.3596,
0.3864

 0.9232, 0.4549,
0.5451

235.5115, 0.3566,

 0.0000, 0.0000,

0.3827

0.0000

284.3214, 0.3540,
0.3795

■ 38.4270, 0.3902,
0.4257

■ 38.4270, 0.3902,
0.4257

■ 36.9823, 0.4065,
0.4434

■ 39.9814, 0.3732,
0.4060

■ 35.6364, 0.4215,
0.4581

■ 41.6454, 0.3561,
0.3852

■ 34.3847, 0.4343,
0.4690

■ 43.4253, 0.3394,
0.3642

■ 33.2198, 0.4445,
0.4754

■ 45.3256, 0.3236,
0.3435

■ 32.1312, 0.4520,
0.4776

■ 47.3504, 0.3088,
0.3237

■ 31.8425, 0.4538,
0.4778

■ 49.5035, 0.2952,
0.3050

■ 51.7887, 0.2827,
0.2876

■ 54.2094, 0.2714,
0.2715

■ 56.4574, 0.2639,
0.2614

Harmonies

Analogous

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



38.4270, 0.4229, 0.3927



38.4270, 0.3902, 0.4257



38.4270, 0.3382, 0.4331

Triad

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



38.4270, 0.3902, 0.4257



38.4270, 0.2124, 0.2925



38.4270, 0.3369, 0.2679

Complementary

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



38.4270, 0.3902, 0.4257



17.2268, 0.2289, 0.2081

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.



38.4270, 0.2792, 0.2443



38.4270, 0.3902, 0.4257



38.4270, 0.2121, 0.2543

Square

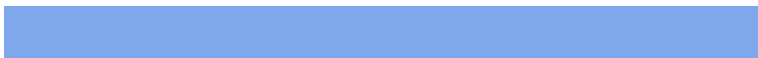
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



38.4270, 0.3902, 0.4257



38.4270, 0.2367, 0.3485



38.4270, 0.2352, 0.2387



38.4270, 0.3921, 0.3049

Rectangle

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



38.4270, 0.3902, 0.4257



38.4270, 0.3003, 0.4177



38.4270, 0.2352, 0.2387



38.4270, 0.3170, 0.2583

Sweetspot

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



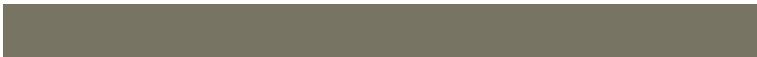
38.4288, 0.3902, 0.4257



79.7399, 0.3345, 0.3578



19.4703, 0.4157, 0.3067



17.4514, 0.3380, 0.3623



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.



38.4288, 0.3902, 0.4257



66.8638, 0.4076, 0.4445



41.2507, 0.3556, 0.4539



10.2296, 0.3268, 0.3477



22.5695, 0.4534, 0.4782



0.8666, 0.4432, 0.4863

Inverse Universe

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



17.2268, 0.2289, 0.2081



23.7551, 0.2084, 0.1756



15.9642, 0.2508, 0.1923



8.9661, 0.2984, 0.3095



3.1752, 0.1548, 0.0773



0.1903, 0.1668, 0.1206

Previews

White Background



This preview shows how the Yxy color 38.4270, 0.3902, 0.4257 looks on a white background.

Color Contrast Check

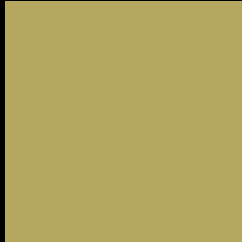
Large Text (above 18pt) WCAG AA × Fail

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 38.4270, 0.3902, 0.4257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

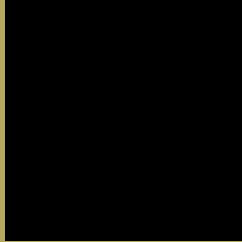
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.4270, 0.3902, 0.4257

Background



This preview shows how black text looks on a background with the Yxy color 38.4270, 0.3902, 0.4257.



This preview shows how white text looks on a background with the Yxy color 38.4270, 0.3902, 0.4257.

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

38.4270, 0.3902, 0.4257

Protanopia

38.5492, 0.3912, 0.4253

Deuteranopia

38.3746, 0.4151, 0.4061



Tritanopia

38.3411, 0.3320, 0.3119

Trichromacy



Original Color

38.4270, 0.3902, 0.4257

Protanomaly

38.5492, 0.3912, 0.4253

Deuteranomaly

38.3058, 0.4058, 0.4136

Tritanomaly

38.0682, 0.3542, 0.3523

Monochromacy



Original Color

38.4270, 0.3902, 0.4257

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.9610, 0.3410, 0.3652

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4270, 0.3902, 0.4257 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, 167, 96)` looks like.

```
.text, #text, p{  
    color:rgb(182, 167, 96)  
}
```

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, 167, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 167, 96) }
```

Border

The CSS property to change the border of an element to Yxy 38.4270, 0.3902, 0.4257 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, 167, 96) }
```

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

```
.border{ border-color:rgb(182, 167, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 167, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 167, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 167, 96);  
box-shadow:4px 4px 4px 4px rgb(182, 167,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4270, 0.3902, 0.4257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 167, 96) }
```

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

```
.background{ background-color: rgb(182,  
167, 96) }
```

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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