

Converting Colors

$Yxy(38.7518, 0.3642, 0.4253)$

Have a look what the booklet for
Yxy(38.7518, 0.3642, 0.4253)
contains.

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Color

Yxy(38.7405, 0.3650, 0.4254)

Conversions

Conversions Part 1

Format	Color
Hex	A7AC69
RGB	167, 172, 105
RGB Percent	65%, 67%, 41%
CMY	0.3451, 0.3255, 0.5883
CMYK	0.03, 0.00, 0.39, 0.33
HSL	64°, 29%, 54%
HSV	64°, 39%, 67%
XYZ	33.2400, 38.7405, 19.0879
YIQ	162.8670, 18.5270, -21.8970

Conversions

Conversions Part 2

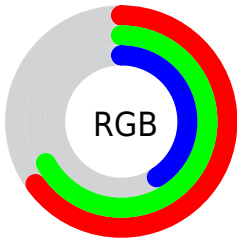
Format	Color
RYB	105, 172, 110
Decimal	10988649
CIELab	68.56, -12.22, 33.86
CIELCh	69, 36.002, 109.848
Yxy	38.7405, 0.3650, 0.4254
Android (android.graphics.Color)	4289178729 (0xFFA7AC69)
YUV	162.8670, -28.5284, 3.6246
Hunter-Lab	62.2419, -13.5962, 25.3866

Details

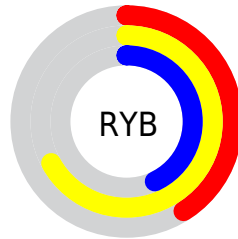
The Yxy color **38.7405, 0.3650, 0.4254** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.3944, 0.2473, 0.2143**, and the grayscale version is **36.6916, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.0605, 0.3561, 0.4066**, and **17.2959, 0.3783, 0.4553** is the 20% darker color. If you saturate the color by 10%, you get **38.2847, 0.3770, 0.4486**, and if you desaturate by 10%, it is **39.2727, 0.3519, 0.4007**.

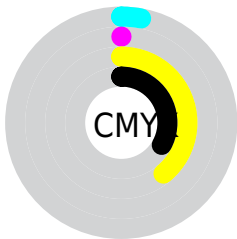
Distribution



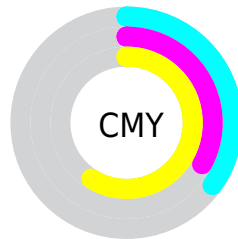
- Red (65%)
- Green (67%)
- Blue (41%)



- Red (41%)
- Yellow (67%)
- Blue (43%)



- Cyan (3%)
- Magenta (0%)
- Yellow (39%)
- Black (33%)



- Cyan (35%)
- Magenta (33%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7405, 0.3650, 0.4254 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 38.7405, 0.3650, 0.4254 by changing the saturation by 10% instead.


 38.7405, 0.3650,
0.4254


 38.7405, 0.3650,
0.4254


340.7859, 0.3394,
0.3751

 26.5579, 0.3709,
0.4384


 73.2417, 0.3560,
0.4068


 17.2415, 0.3780,
0.4551


 96.3291, 0.3525,
0.3998

 10.4068, 0.3865,
0.4773


 123.8203, 0.3495,
0.3941

 5.6695, 0.3959,
0.5074

 156.0996, 0.3470,
0.3891

 2.6452, 0.4237,
0.5763

193.5514, 0.3447,
0.3849

 0.9494, 0.3883,
0.6117

236.5601, 0.3427,

 0.0000, 0.0000,

0.3812

0.0000

285.5102, 0.3410,
0.3780

■ 38.7405, 0.3650,
0.4254

■ 38.7405, 0.3650,
0.4254

■ 38.2847, 0.3770,
0.4486

■ 39.2727, 0.3519,
0.4007

■ 37.8958, 0.3874,
0.4694

■ 39.8800, 0.3383,
0.3756

■ 37.5706, 0.3958,
0.4868


■ 40.5679, 0.3247,
0.3506


■ 37.3038, 0.4017,
0.5003


■ 41.3398, 0.3113,
0.3265


■ 37.0888, 0.4051,
0.5095

■ 42.1990, 0.2986,
0.3037


 36.9137, 0.4063,
0.5150

 43.1485, 0.2866,
0.2825

 36.8961, 0.4064,
0.5155

 44.1914, 0.2754,
0.2629

 45.3302, 0.2652,
0.2450

 46.2551, 0.2585,
0.2332

Harmonies

Analogous

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



38.7405, 0.4047, 0.4043



38.7405, 0.3650, 0.4254



38.7405, 0.3132, 0.4170

Triad

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



38.7405, 0.3650, 0.4254



38.7405, 0.2162, 0.2771



38.7405, 0.3595, 0.2863

Complementary

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



38.7405, 0.3650, 0.4254



16.3944, 0.2473, 0.2143

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.



38.7405, 0.3049, 0.2578



38.7405, 0.3650, 0.4254



38.7405, 0.2258, 0.2504

Square

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



38.7405, 0.3650, 0.4254



38.7405, 0.2292, 0.3230



38.7405, 0.2568, 0.2447



38.7405, 0.4031, 0.3249

Rectangle

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



38.7405, 0.3650, 0.4254



38.7405, 0.2790, 0.3931



38.7405, 0.2568, 0.2447



38.7405, 0.3415, 0.2754

Sweetspot

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



38.7423, 0.3650, 0.4254



73.1714, 0.3291, 0.3587



20.8264, 0.4047, 0.3361



15.8676, 0.3308, 0.3618



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.



38.7423, 0.3650, 0.4254



69.5387, 0.3757, 0.4461



35.5964, 0.3328, 0.4366



9.2994, 0.3252, 0.3515



27.4665, 0.4066, 0.5154



0.7729, 0.4107, 0.5121

Inverse Universe

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



16.3944, 0.2473, 0.2143



23.0768, 0.2294, 0.1837



18.9169, 0.2830, 0.2248



7.7847, 0.2997, 0.3056



2.2891, 0.1529, 0.0616



0.0727, 0.1655, 0.0685

Previews

White Background



This preview shows how the Yxy color 38.7405, 0.3650, 0.4254 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 38.7405, 0.3650, 0.4254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

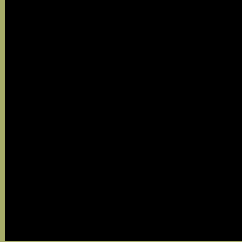
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.7405, 0.3650, 0.4254

Background



This preview shows how black text looks on a background with the Yxy color 38.7405, 0.3650, 0.4254.



This preview shows how white text looks on a background with the Yxy color 38.7405, 0.3650, 0.4254.

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

38.7405, 0.3650, 0.4254

Protanopia

38.5618, 0.3843, 0.4168

Deuteranopia

38.6418, 0.4034, 0.3960



Tritanopia

38.4429, 0.3126, 0.3112

Trichromacy



Original Color

38.7405, 0.3650, 0.4254

Protanomaly

38.7225, 0.3773, 0.4196

Deuteranomaly

38.4313, 0.3897, 0.4057

Tritanomaly

38.2451, 0.3325, 0.3517

Monochromacy



Original Color

38.7405, 0.3650, 0.4254

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.1179, 0.3319, 0.3642

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7405, 0.3650, 0.4254 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(167, 172, 105)` looks like.

```
.text, #text, p{  
    color:rgb(167, 172, 105)  
}
```

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(167, 172, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 172, 105) }
```

Border

The CSS property to change the border of an element to Yxy 38.7405, 0.3650, 0.4254 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(167, 172, 105) }
```

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

```
.border{ border-color:rgb(167, 172, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 172, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 172, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 172, 105);  
box-shadow:4px 4px 4px 4px rgb(167, 172,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7405, 0.3650, 0.4254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 172, 105) }
```

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

```
.background{ background-color: rgb(167,  
172, 105) }
```

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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