

Converting Colors

$Yxy(38.7726, 0.3562, 0.4083)$

Have a look what the booklet for
Yxy(38.7726, 0.3562, 0.4083)
contains.

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Color

Yxy(38.6023, 0.3563, 0.4087)

Conversions

Conversions Part 1

Format	Color
Hex	A7AB74
RGB	167, 171, 116
RGB Percent	65%, 67%, 45%
CMY	0.3450, 0.3294, 0.5451
CMYK	0.02, 0.00, 0.32, 0.33
HSL	64°, 25%, 56%
HSV	64°, 32%, 67%
XYZ	33.6530, 38.6023, 22.1961
YIQ	163.5340, 15.2710, -17.9530

Conversions

Conversions Part 2

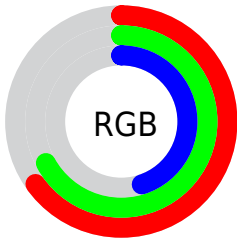
Format	Color
RYB	116, 171, 120
Decimal	10988404
CIELab	68.46, -10.34, 27.92
CIElCh	68, 29.770, 110.317
Yxy	38.6023, 0.3563, 0.4087
Android (android.graphics.Color)	4289178484 (0xFFA7AB74)
YUV	163.5340, -23.4343, 3.0397
Hunter-Lab	62.1307, -12.0445, 22.3103

Details

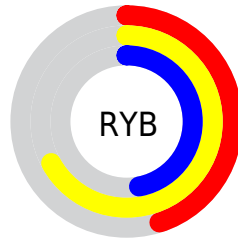
The Yxy color **38.6023, 0.3563, 0.4087** is a light color, and the websafe version is hex **999966**. A complement of this color would be **19.4197, 0.2605, 0.2371**, and the grayscale version is **37.0006, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.9453, 0.3484, 0.3923**, and **17.1763, 0.3676, 0.4339** is the 20% darker color. If you saturate the color by 10%, you get **38.1077, 0.3691, 0.4330**, and if you desaturate by 10%, it is **39.1750, 0.3428, 0.3836**.

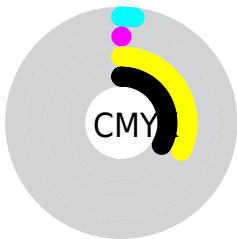
Distribution



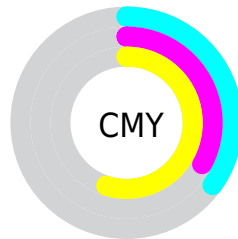
- Red (65%)
- Green (67%)
- Blue (45%)



- Red (45%)
- Yellow (67%)
- Blue (47%)



- Cyan (2%)
- Magenta (0%)
- Yellow (32%)
- Black (33%)



- Cyan (35%)
- Magenta (33%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.6023, 0.3563, 0.4087 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 38.6023, 0.3563, 0.4087 by changing the saturation by 10% instead.


 38.6023, 0.3563,
0.4087


 38.6023, 0.3563,
0.4087


340.1967, 0.3346,
0.3670


 26.4505, 0.3615,
0.4196


 73.0304, 0.3485,
0.3932

 17.1610, 0.3679,
0.4338


 96.0754, 0.3456,
0.3874

 10.3493, 0.3760,
0.4529


 123.5203, 0.3431,
0.3827

 5.6312, 0.3861,
0.4797

155.7495, 0.3409,
0.3786

 2.6221, 0.4094,
0.5348

193.1473, 0.3390,
0.3751

 0.9378, 0.4049,
0.5951

236.0982, 0.3374,

 0.0000, 0.0000,

0.3720

0.0000

284.9865, 0.3359,
0.3694

■ 38.6023, 0.3563,
0.4087

■ 38.6023, 0.3563,
0.4087

■ 38.1077, 0.3691,
0.4330

■ 39.1750, 0.3428,
0.3836

■ 37.6818, 0.3807,
0.4555

■ 39.8241, 0.3291,
0.3586

■ 37.3221, 0.3906,
0.4752


■ 40.5551, 0.3156,
0.3342


■ 37.0235, 0.3982,
0.4914


■ 41.3710, 0.3026,
0.3109

■ 36.7805, 0.4033,
0.5035

■ 42.2750, 0.2903,
0.2892


 36.5863, 0.4060,
0.5113

 43.2700, 0.2789,
0.2690

 36.4569, 0.4068,
0.5152

 44.3587, 0.2683,
0.2506

 45.5439, 0.2586,
0.2338

 45.8317, 0.2581,
0.2319

Harmonies

Analogous

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



38.6023, 0.3892, 0.3930



38.6023, 0.3563, 0.4087



38.6023, 0.3131, 0.4004

Triad

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



38.6023, 0.3563, 0.4087



38.6023, 0.2314, 0.2860



38.6023, 0.3523, 0.2937

Complementary

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



38.6023, 0.3563, 0.4087



19.4197, 0.2605, 0.2371

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.



38.6023, 0.3073, 0.2692



38.6023, 0.3563, 0.4087



38.6023, 0.2399, 0.2631

Square

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



38.6023, 0.3563, 0.4087



38.6023, 0.2425, 0.3241



38.6023, 0.2667, 0.2580



38.6023, 0.3878, 0.3269

Rectangle

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



38.6023, 0.3563, 0.4087



38.6023, 0.2846, 0.3807



38.6023, 0.2667, 0.2580



38.6023, 0.3376, 0.2843

Sweetspot

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



38.6040, 0.3563, 0.4087



71.5707, 0.3264, 0.3536



23.2690, 0.3831, 0.3348



15.9224, 0.3282, 0.3570



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.



38.6040, 0.3563, 0.4087



68.4560, 0.3660, 0.4271



35.9476, 0.3299, 0.4160



9.3002, 0.3252, 0.3515



27.4923, 0.4069, 0.5151



0.7734, 0.4109, 0.5119

Inverse Universe

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



19.4197, 0.2605, 0.2371



28.4012, 0.2458, 0.2118



21.6464, 0.2894, 0.2442



7.7839, 0.2996, 0.3056



2.2871, 0.1528, 0.0616



0.0724, 0.1651, 0.0683

Previews

White Background



This preview shows how the Yxy color 38.6023, 0.3563, 0.4087 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 38.6023, 0.3563, 0.4087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

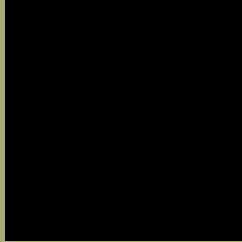
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

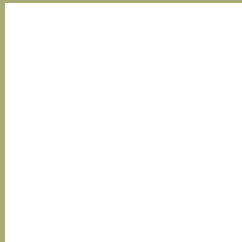
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.6023, 0.3563, 0.4087

Background



This preview shows how black text looks on a background with the Yxy color 38.6023, 0.3563, 0.4087.



This preview shows how white text looks on a background with the Yxy color 38.6023, 0.3563, 0.4087.

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

38.6023, 0.3563, 0.4087

Protanopia

38.5556, 0.3728, 0.4028

Deuteranopia

38.4554, 0.3910, 0.3842



Tritanopia

38.4429, 0.3126, 0.3112

Trichromacy



Original Color

38.6023, 0.3563, 0.4087

Protanomaly

38.3570, 0.3664, 0.4041

Deuteranomaly

38.4001, 0.3786, 0.3932

Tritanomaly

38.3762, 0.3289, 0.3460

Monochromacy



Original Color

38.6023, 0.3563, 0.4087

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.7433, 0.3283, 0.3581

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6023, 0.3563, 0.4087 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, 171, 116)` looks like.

```
.text, #text, p{  
    color:rgb(167, 171, 116)  
}
```

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, 171, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 171, 116) }
```

Border

The CSS property to change the border of an element to Yxy 38.6023, 0.3563, 0.4087 is called "border". The border property can be set on classes, ids or directly on the HTML element.

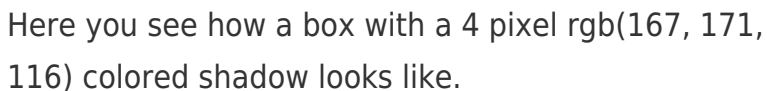
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 171, 116) }
```

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

```
.border{ border-color:rgb(167, 171, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 171, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 171, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 171, 116); box-shadow:4px 4px 4px 4px rgb(167, 171, 116) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6023, 0.3563, 0.4087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 171, 116) }
```

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

```
.background{ background-color: rgb(167,  
171, 116) }
```

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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