

Converting Colors

$Yxy(38.3273, 0.3806, 0.4456)$

Have a look what the booklet for
Yxy(38.3273, 0.3806, 0.4456)
contains.

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Color

Yxy(38.2654, 0.3808, 0.4457)

Conversions

Conversions Part 1

Format	Color
Hex	A9AB58
RGB	169, 171, 88
RGB Percent	66%, 67%, 35%
CMY	0.3371, 0.3294, 0.6549
CMYK	0.01, 0.00, 0.49, 0.33
HSL	61°, 33%, 51%
HSV	61°, 49%, 67%
XYZ	32.6934, 38.2654, 14.8958
YIQ	160.9400, 25.4510, -26.2370

Conversions

Conversions Part 2

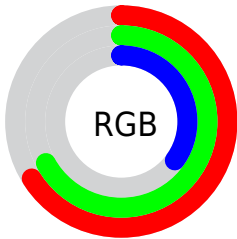
Format	Color
RYB	88, 171, 90
Decimal	11119448
CIELab	68.22, -12.67, 42.15
CIELCh	68, 44.009, 106.731
Yxy	38.2654, 0.3808, 0.4457
Android (android.graphics.Color)	4289309528 (0xFFA9AB58)
YUV	160.9400, -35.9594, 7.0686
Hunter-Lab	61.8590, -13.9134, 29.0242

Details

The Yxy color **38.2654, 0.3808, 0.4457** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **12.0914, 0.2240, 0.1799**, and the grayscale version is **35.7763, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.4549, 0.3697, 0.4232**, and **16.9784, 0.3963, 0.4801** is the 20% darker color. If you saturate the color by 10%, you get **37.9718, 0.3922, 0.4657**, and if you desaturate by 10%, it is **38.6291, 0.3678, 0.4232**.

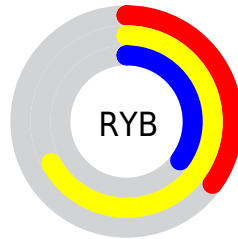
Distribution



Red (66%)

Green (67%)

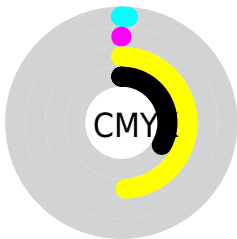
Blue (35%)



Red (35%)

Yellow (67%)

Blue (35%)

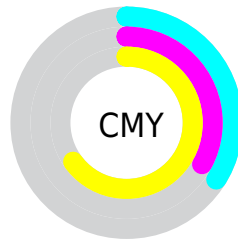


Cyan (1%)

Magenta (0%)

Yellow (49%)

Black (33%)



Cyan (34%)


Magenta (33%)

Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.2654, 0.3808, 0.4457 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 38.2654, 0.3808, 0.4457 by changing the saturation by 10% instead.


 38.2654, 0.3808,
0.4457


 38.2654, 0.3808,
0.4457


338.7571, 0.3480,
0.3854

 26.1887, 0.3879,
0.4608


 72.5147, 0.3695,
0.4236


 16.9649, 0.3962,
0.4797


 95.4562, 0.3651,
0.4153

 10.2095, 0.4052,
0.5039


 122.7881, 0.3612,
0.4084

 5.5381, 0.4168,
0.5390

 154.8947, 0.3579,
0.4024

 2.5663, 0.4206,
0.5794

192.1606, 0.3550,
0.3973

 0.9097, 0.3790,
0.6210

234.9700, 0.3524,

 0.0000, 0.0000,

0.3928

0.0000

283.7074, 0.3501,
0.3888

■ 38.2654, 0.3808,
0.4457

■ 38.2654, 0.3808,
0.4457

■ 37.9718, 0.3922,
0.4657

■ 38.6291, 0.3678,
0.4232

■ 37.7384, 0.4015,
0.4823

■ 39.0618, 0.3538,
0.3991

■ 37.5615, 0.4084,
0.4948


■ 39.5693, 0.3393,
0.3742

■ 37.4350, 0.4128,
0.5032

■ 40.1553, 0.3248,
0.3495


■ 37.3475, 0.4150,
0.5079

■ 40.8229, 0.3107,
0.3255

 37.3356, 0.4153,
0.5085

 41.5756, 0.2972,
0.3028

 42.4162, 0.2846,
0.2814

 43.3476, 0.2729,
0.2617

 44.3726, 0.2621,
0.2437

Harmonies

Analogous

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



38.2654, 0.4276, 0.4143



38.2654, 0.3808, 0.4457



38.2654, 0.3185, 0.4421

Triad

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



38.2654, 0.3808, 0.4457



38.2654, 0.1973, 0.2693



38.2654, 0.3629, 0.2732

Complementary

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



38.2654, 0.3808, 0.4457



12.0914, 0.2240, 0.1799

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.



38.2654, 0.2957, 0.2414



38.2654, 0.3808, 0.4457



38.2654, 0.2061, 0.2360

Square

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



38.2654, 0.3808, 0.4457



38.2654, 0.2148, 0.3272



38.2654, 0.2399, 0.2277



38.2654, 0.4196, 0.3175

Rectangle

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



38.2654, 0.3808, 0.4457



38.2654, 0.2768, 0.4150



38.2654, 0.2399, 0.2277



38.2654, 0.3404, 0.2609

Sweetspot

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



38.2672, 0.3808, 0.4457



71.2014, 0.3345, 0.3661



16.5711, 0.4432, 0.3315



15.8321, 0.3375, 0.3712



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.



38.2672, 0.3808, 0.4457



67.9897, 0.3927, 0.4666



34.4255, 0.3401, 0.4639



9.3205, 0.3259, 0.3514



28.1519, 0.4153, 0.5084



0.7861, 0.4166, 0.5074

Inverse Universe

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



12.0914, 0.2240, 0.1799



15.6233, 0.2023, 0.1441



14.7359, 0.2683, 0.1959



7.7659, 0.2989, 0.3056



2.2393, 0.1509, 0.0605



0.0651, 0.1550, 0.0627

Previews

White Background



This preview shows how the Yxy color 38.2654, 0.3808, 0.4457 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 38.2654, 0.3808, 0.4457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

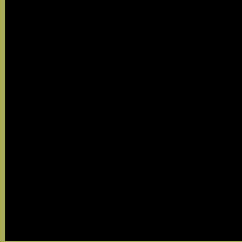
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.2654, 0.3808, 0.4457

Background



This preview shows how black text looks on a background with the Yxy color 38.2654, 0.3808, 0.4457.



This preview shows how white text looks on a background with the Yxy color 38.2654, 0.3808, 0.4457.

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

38.2654, 0.3808, 0.4457

Protanopia

38.0116, 0.3998, 0.4361

Deuteranopia

37.9056, 0.4219, 0.4128



Tritanopia

38.0107, 0.3173, 0.3113

Trichromacy



Original Color

38.2654, 0.3808, 0.4457

Protanomaly

38.1584, 0.3925, 0.4395

Deuteranomaly

38.0089, 0.4069, 0.4246

Tritanomaly

38.0074, 0.3420, 0.3602

Monochromacy



Original Color

38.2654, 0.3808, 0.4457

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.5240, 0.3393, 0.3748

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2654, 0.3808, 0.4457 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(169, 171, 88)` looks like.

```
.text, #text, p{  
    color:rgb(169, 171, 88)  
}
```

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(169, 171, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 171, 88) }
```

Border

The CSS property to change the border of an element to Yxy 38.2654, 0.3808, 0.4457 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(169, 171, 88) }
```

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

```
.border{ border-color:rgb(169, 171, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 171, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 171, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 171, 88);  
box-shadow:4px 4px 4px 4px rgb(169, 171,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2654, 0.3808, 0.4457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 171, 88) }
```

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

```
.background{ background-color: rgb(169,  
171, 88) }
```

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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