

Converting Colors

$Yxy(38.9280, 0.3314, 0.4375)$

Have a look what the booklet for
Yxy(38.9280, 0.3314, 0.4375)
contains.

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Color

Yxy(38.7476, 0.3317, 0.4378)

Conversions

Conversions Part 1

Format	Color
Hex	8AB36D
RGB	138, 179, 109
RGB Percent	54%, 70%, 43%
CMY	0.4590, 0.2980, 0.5725
CMYK	0.23, 0.00, 0.39, 0.30
HSL	95°, 32%, 56%
HSV	95°, 39%, 70%
XYZ	29.3572, 38.7476, 20.4005
YIQ	158.7610, -1.9660, -30.4620

Conversions

Conversions Part 2

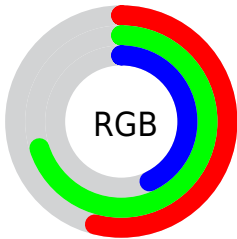
Format	Color
RYB	109, 179, 150
Decimal	9089901
CIELab	68.57, -26.53, 31.36
CIElCh	69, 41.082, 130.231
Yxy	38.7476, 0.3317, 0.4378
Android (android.graphics.Color)	4287279981 (0xFF8AB36D)
YUV	158.7610, -24.5322, -18.2074
Hunter-Lab	62.2476, -24.7491, 24.1421

Details

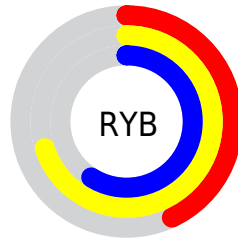
The Yxy color **38.7476, 0.3317, 0.4378** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.6825, 0.2843, 0.2245**, and the grayscale version is **34.6687, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.3273, 0.3298, 0.4160**, and **17.2264, 0.3337, 0.4745** is the 20% darker color. If you saturate the color by 10%, you get **37.5500, 0.3349, 0.4685**, and if you desaturate by 10%, it is **40.1136, 0.3275, 0.4075**.

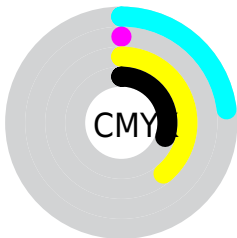
Distribution



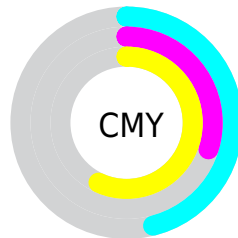
- Red (54%)
- Green (70%)
- Blue (43%)



- Red (43%)
- Yellow (70%)
- Blue (59%)



- Cyan (23%)
- Magenta (0%)
- Yellow (39%)
- Black (30%)




- Cyan (46%)
- Magenta (30%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7476, 0.3317, 0.4378 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 38.7476, 0.3317, 0.4378 by changing the saturation by 10% instead.

 38.7476, 0.3317,
0.4378


 38.7476, 0.3317,
0.4378


340.8162, 0.3237,
0.3793

 26.5634, 0.3329,
0.4536


 73.2526, 0.3293,
0.4156


 17.2456, 0.3340,
0.4746


 96.3422, 0.3282,
0.4076

 10.4098, 0.3342,
0.5034


 123.8357, 0.3273,
0.4009

 5.6715, 0.3318,
0.5452

 156.1176, 0.3264,
0.3952

 2.6464, 0.3416,
0.6473

193.5722, 0.3256,
0.3904

 0.9500, 0.2108,
0.7892

236.5839, 0.3249,

 0.0000, 0.0000,

0.3862

0.0000

285.5371, 0.3243,
0.3826

■ 38.7476, 0.3317,
0.4378

■ 38.7476, 0.3317,
0.4378

■ 37.5500, 0.3349,
0.4685

■ 40.1136, 0.3275,
0.4075

■ 36.5085, 0.3367,
0.4984

■ 41.6497, 0.3227,
0.3785

■ 35.6170, 0.3368,
0.5256

■ 43.3639, 0.3175,
0.3516


■ 34.8666, 0.3350,
0.5487


■ 45.2622, 0.3122,
0.3269


■ 34.2476, 0.3313,
0.5663

■ 47.3503, 0.3070,
0.3046


 33.7437, 0.3263,
0.5785

 49.6335, 0.3020,
0.2847

 33.7027, 0.3258,
0.5795

 52.1170, 0.2972,
0.2670

 54.8059, 0.2926,
0.2513

 56.6928, 0.2987,
0.2506

Harmonies

Analogous

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



38.7476, 0.3880, 0.4337



38.7476, 0.3317, 0.4378



38.7476, 0.2732, 0.4024

Triad

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



38.7476, 0.3317, 0.4378



38.7476, 0.2088, 0.2469



38.7476, 0.4026, 0.3090

Complementary

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



38.7476, 0.3317, 0.4378



20.6825, 0.2843, 0.2245

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.



38.7476, 0.3460, 0.2690



38.7476, 0.3317, 0.4378



38.7476, 0.2358, 0.2338

Square

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



38.7476, 0.3317, 0.4378



38.7476, 0.2059, 0.2838



38.7476, 0.2844, 0.2423



38.7476, 0.4327, 0.3554

Rectangle

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



38.7476, 0.3317, 0.4378



38.7476, 0.2409, 0.3628



38.7476, 0.2844, 0.2423



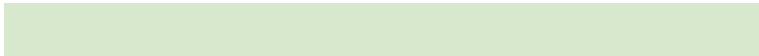
38.7476, 0.3857, 0.2946

Sweetspot

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



38.7493, 0.3317, 0.4378



76.6675, 0.3191, 0.3597



32.4517, 0.3850, 0.3876



16.8974, 0.3198, 0.3631



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.7493, 0.3317, 0.4378



67.5070, 0.3345, 0.4645



36.7305, 0.3032, 0.4364



9.6560, 0.3176, 0.3521



23.8488, 0.3267, 0.5788



0.7849, 0.3501, 0.5602

Inverse Universe

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



20.6825, 0.2843, 0.2245



30.5483, 0.2758, 0.2000



23.5474, 0.3238, 0.2411



8.4680, 0.3074, 0.3061



4.4591, 0.2215, 0.0994



0.1735, 0.2493, 0.1147

Previews

White Background



This preview shows how the Yxy color 38.7476, 0.3317, 0.4378 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 38.7476, 0.3317, 0.4378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

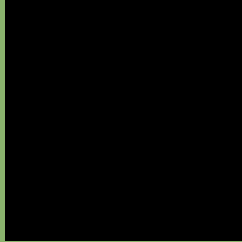
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.7476, 0.3317, 0.4378

Background



This preview shows how black text looks on a background with the Yxy color 38.7476, 0.3317, 0.4378.



This preview shows how white text looks on a background with the Yxy color 38.7476, 0.3317, 0.4378.

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

38.7476, 0.3317, 0.4378

Protanopia

38.5820, 0.3835, 0.4155

Deuteranopia

38.4760, 0.3967, 0.3903



Tritanopia

38.5997, 0.2835, 0.3089

Trichromacy



Original Color

38.7476, 0.3317, 0.4378

Protanomaly

38.2734, 0.3636, 0.4231

Deuteranomaly

38.1544, 0.3715, 0.4064

Tritanomaly

38.3412, 0.3011, 0.3530

Monochromacy



Original Color

38.7476, 0.3317, 0.4378

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.7748, 0.3203, 0.3671

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7476, 0.3317, 0.4378 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(138, 179, 109)` looks like.

```
.text, #text, p{  
    color:rgb(138, 179, 109)  
}
```

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(138, 179, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 179, 109) }
```

Border

The CSS property to change the border of an element to Yxy 38.7476, 0.3317, 0.4378 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(138, 179, 109) }
```

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

```
.border{ border-color:rgb(138, 179, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 179, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 179, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 179, 109);  
box-shadow:4px 4px 4px 4px rgb(138, 179,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7476, 0.3317, 0.4378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 179, 109) }
```

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

```
.background{ background-color: rgb(138,  
179, 109) }
```

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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