

Converting Colors

Yxy(38.0160, 0.3244, 0.3675)

Have a look what the booklet for
Yxy(38.0160, 0.3244, 0.3675)
contains.

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Color

Yxy(38.0322, 0.3238, 0.3675)

Conversions

Conversions Part 1

Format	Color
Hex	9EAA90
RGB	158, 170, 144
RGB Percent	62%, 67%, 56%
CMY	0.3803, 0.3333, 0.4354
CMYK	0.07, 0.00, 0.15, 0.33
HSL	88°, 13%, 62%
HSV	88°, 15%, 67%
XYZ	33.5097, 38.0322, 31.9470
YIQ	163.4480, 1.1940, -10.6300

Conversions

Conversions Part 2

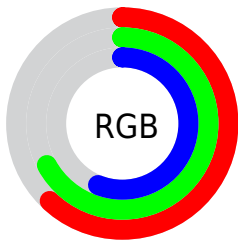
Format	Color
RYB	144, 170, 156
Decimal	10398352
CIELab	68.04, -9.04, 12.01
CIELCh	68, 15.027, 126.974
Yxy	38.0322, 0.3238, 0.3675
Android (android.graphics.Color)	4288588432 (0xFF9EAA90)
YUV	163.4480, -9.5879, -4.7779
Hunter-Lab	61.6703, -10.9315, 12.4552

Details

The Yxy color **38.0322, 0.3238, 0.3675** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.9025, 0.3002, 0.2903**, and the grayscale version is **36.8955, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.0738, 0.3219, 0.3593**, and **16.8908, 0.3270, 0.3793** is the 20% darker color. If you saturate the color by 10%, you get **36.7840, 0.3308, 0.3949**, and if you desaturate by 10%, it is **39.4125, 0.3166, 0.3418**.

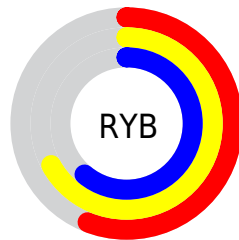
Distribution



Red (62%)

Green (67%)

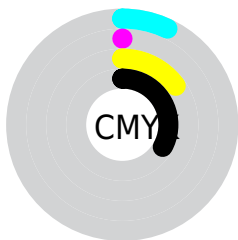
Blue (56%)



Red (56%)

Yellow (67%)

Blue (61%)

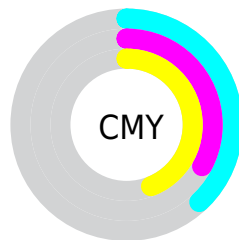


Cyan (7%)

Magenta (0%)

Yellow (15%)

Black (33%)



Cyan (38%)


Magenta (33%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.0322, 0.3238, 0.3675 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 38.0322, 0.3238, 0.3675 by changing the saturation by 10% instead.


 38.0322, 0.3238,
0.3675


 38.0322, 0.3238,
0.3675


337.7581, 0.3183,
0.3472

 26.0077, 0.3252,
0.3729


 72.1575, 0.3218,
0.3599

 16.8294, 0.3269,
0.3801


 95.0270, 0.3210,
0.3571

 10.1129, 0.3292,
0.3900


122.2804, 0.3204,
0.3548

 5.4739, 0.3323,
0.4047

154.3020, 0.3198,
0.3528

 2.5279, 0.3366,
0.4285

191.4761, 0.3194,
0.3511

 0.8906, 0.3800,
0.5408

234.1873, 0.3190,

 0.0000, 0.0000,

0.3497

0.0000

282.8198, 0.3186,
0.3484

■ 38.0322, 0.3238,
0.3675

■ 38.0322, 0.3238,
0.3675

■ 36.7840, 0.3308,
0.3949

■ 39.4125, 0.3166,
0.3418

■ 35.6586, 0.3374,
0.4235

■ 40.9242, 0.3094,
0.3182

■ 34.6528, 0.3430,
0.4525

■ 42.5729, 0.3024,
0.2967

■ 33.7617, 0.3473,
0.4808

■ 44.3623, 0.2957,
0.2772

■ 32.9797, 0.3499,
0.5071

■ 46.2961, 0.2894,
0.2598

■ 32.3007, 0.3504,
0.5299

■ 48.3778, 0.2836,
0.2442

■ 31.7178, 0.3486,
0.5481

■ 50.0867, 0.2834,
0.2374

■ 31.2226, 0.3447,
0.5611

■ 51.2839, 0.2895,
0.2389

■ 31.0123, 0.3426,
0.5662

■ 52.5385, 0.2956,
0.2405

Harmonies

Analogous

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



38.0322, 0.3439, 0.3674



38.0322, 0.3238, 0.3675



38.0322, 0.3013, 0.3562

Triad

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



38.0322, 0.3238, 0.3675



38.0322, 0.2712, 0.2997



38.0322, 0.3437, 0.3204

Complementary

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



38.0322, 0.3238, 0.3675



29.9025, 0.3002, 0.2903

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.



38.0322, 0.3232, 0.3039



38.0322, 0.3238, 0.3675



38.0322, 0.2817, 0.2919

Square

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



38.0322, 0.3238, 0.3675



38.0322, 0.2715, 0.3160



38.0322, 0.3005, 0.2936



38.0322, 0.3558, 0.3395

Rectangle

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



38.0322, 0.3238, 0.3675



38.0322, 0.2879, 0.3439



38.0322, 0.3005, 0.2936



38.0322, 0.3376, 0.3144

Sweetspot

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



38.0339, 0.3238, 0.3675



71.5663, 0.3164, 0.3413



34.2298, 0.3382, 0.3461



15.9197, 0.3169, 0.3430



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.



38.0339, 0.3238, 0.3675



68.2990, 0.3260, 0.3756



36.8073, 0.3120, 0.3689



8.5996, 0.3194, 0.3518



22.8458, 0.3433, 0.5656



0.5858, 0.3684, 0.5457

Inverse Universe

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



29.9025, 0.3002, 0.2903



51.0086, 0.2974, 0.2821



31.2412, 0.3131, 0.2918



7.4634, 0.3055, 0.3062



3.3670, 0.1966, 0.0856



0.1125, 0.2358, 0.1073

Previews

White Background



This preview shows how the Yxy color 38.0322, 0.3238, 0.3675 looks on a white background.

Color Contrast Check

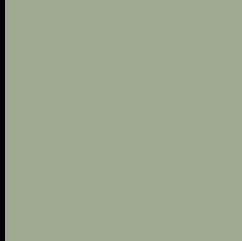
Large Text (above 18pt) WCAG AA × Fail

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 38.0322, 0.3238, 0.3675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

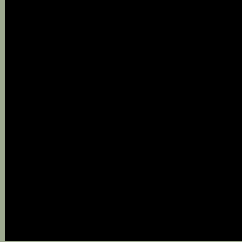
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

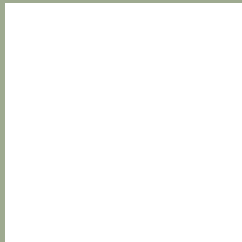
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.0322, 0.3238, 0.3675

Background



This preview shows how black text looks on a background with the Yxy color 38.0322, 0.3238, 0.3675.



This preview shows how white text looks on a background with the Yxy color 38.0322, 0.3238, 0.3675.

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

38.0322, 0.3238, 0.3675

Protanopia

37.8619, 0.3420, 0.3617

Deuteranopia

38.0358, 0.3546, 0.3481



Tritanopia

37.9111, 0.2999, 0.3107

Trichromacy



Original Color

38.0322, 0.3238, 0.3675

Protanomaly

37.9454, 0.3347, 0.3637

Deuteranomaly

38.0602, 0.3434, 0.3557

Tritanomaly

37.9677, 0.3081, 0.3304

Monochromacy



Original Color

38.0322, 0.3238, 0.3675

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.2498, 0.3167, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0322, 0.3238, 0.3675 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(158, 170, 144)` looks like.

```
.text, #text, p{  
    color:rgb(158, 170, 144)  
}
```

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(158, 170, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 170, 144) }
```

Border

The CSS property to change the border of an element to Yxy 38.0322, 0.3238, 0.3675 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(158, 170, 144) }
```

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

```
.border{ border-color:rgb(158, 170, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 170, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 170, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 170, 144);  
box-shadow:4px 4px 4px 4px rgb(158, 170,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0322, 0.3238, 0.3675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 170, 144) }
```

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

```
.background{ background-color: rgb(158,  
170, 144) }
```

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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