

Converting Colors

Yxy(37.9720, 0.3224, 0.3866)

Have a look what the booklet for
Yxy(37.9720, 0.3224, 0.3866)
contains.

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Color

Yxy(38.0260, 0.3225, 0.3867)

Conversions

Conversions Part 1

Format	Color
Hex	95AD87
RGB	149, 173, 135
RGB Percent	58%, 68%, 53%
CMY	0.4157, 0.3216, 0.4705
CMYK	0.14, 0.00, 0.22, 0.32
HSL	98°, 19%, 60%
HSV	98°, 22%, 68%
XYZ	31.7129, 38.0260, 28.5957
YIQ	161.4920, -2.1060, -16.9060

Conversions

Conversions Part 2

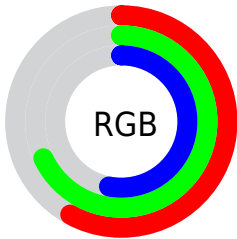
Format	Color
RYB	135, 173, 159
Decimal	9809287
CIELab	68.04, -15.45, 16.82
CIElCh	68, 22.836, 132.570
Yxy	38.0260, 0.3225, 0.3867
Android (android.graphics.Color)	4287999367 (0xFF95AD87)
YUV	161.4920, -13.0606, -10.9555
Hunter-Lab	61.6652, -16.1160, 15.6714

Details

The Yxy color **38.0260, 0.3225, 0.3867** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.7220, 0.3006, 0.2731**, and the grayscale version is **35.9461, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.8142, 0.3209, 0.3751**, and **16.9273, 0.3249, 0.4070** is the 20% darker color. If you saturate the color by 10%, you get **36.5989, 0.3264, 0.4164**, and if you desaturate by 10%, it is **39.6320, 0.3181, 0.3590**.

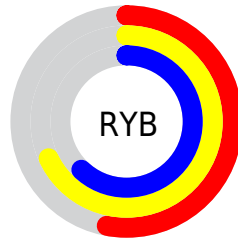
Distribution



Red (58%)

Green (68%)

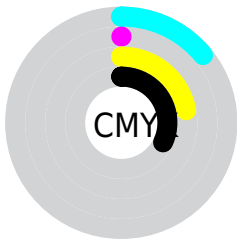
Blue (53%)



Red (53%)

Yellow (68%)

Blue (62%)

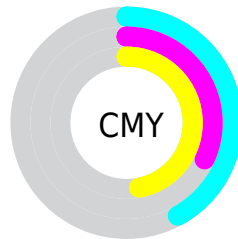


Cyan (14%)

Magenta (0%)

Yellow (22%)

Black (32%)



Cyan (42%)


Magenta (32%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0260, 0.3225, 0.3867 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 38.0260, 0.3225, 0.3867 by changing the saturation by 10% instead.


 38.0260, 0.3225,
0.3867


 38.0260, 0.3225,
0.3867


337.7315, 0.3179,
0.3560


 26.0029, 0.3235,
0.3950


 72.1480, 0.3209,
0.3751

 16.8258, 0.3247,
0.4060


 95.0156, 0.3203,
0.3709

 10.1104, 0.3260,
0.4214


 122.2669, 0.3198,
0.3674

 5.4722, 0.3274,
0.4443

154.2862, 0.3193,
0.3644

 2.5269, 0.3279,
0.4817

191.4579, 0.3189,
0.3619

 0.8901, 0.3450,
0.6550

234.1664, 0.3185,

 0.0000, 0.0000,

0.3597

0.0000

282.7962, 0.3182,
0.3577

■ 38.0260, 0.3225,
0.3867

■ 38.0260, 0.3225,
0.3867

■ 36.5989, 0.3264,
0.4164

■ 39.6320, 0.3181,
0.3590

■ 35.3394, 0.3297,
0.4474

■ 41.4181, 0.3136,
0.3337

■ 34.2422, 0.3318,
0.4786

■ 43.3918, 0.3091,
0.3108

■ 33.2999, 0.3326,
0.5085

■ 45.5585, 0.3046,
0.2904

■ 32.5044, 0.3318,
0.5354

■ 47.9236, 0.3004,
0.2723

■ 31.8467, 0.3292,
0.5576

■ 50.4920, 0.2963,
0.2562

■ 31.3165, 0.3249,
0.5739

■ 53.1966, 0.2933,
0.2430

■ 30.9682, 0.3210,
0.5833

■ 55.0149, 0.3018,
0.2452

■ 56.9477, 0.3104,
0.2473

Harmonies

Analogous

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



38.0260, 0.3546, 0.3889



38.0260, 0.3225, 0.3867



38.0260, 0.2889, 0.3662

Triad

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



38.0260, 0.3225, 0.3867



38.0260, 0.2525, 0.2813



38.0260, 0.3647, 0.3208

Complementary

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



38.0260, 0.3225, 0.3867



27.7220, 0.3006, 0.2731

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.



38.0260, 0.3348, 0.2956



38.0260, 0.3225, 0.3867



38.0260, 0.2703, 0.2730

Square

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



38.0260, 0.3225, 0.3867



38.0260, 0.2498, 0.3031



38.0260, 0.3000, 0.2785



38.0260, 0.3801, 0.3490

Rectangle

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



38.0260, 0.3225, 0.3867



38.0260, 0.2702, 0.3455



38.0260, 0.3000, 0.2785



38.0260, 0.3559, 0.3118

Sweetspot

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



38.0276, 0.3225, 0.3867



72.4829, 0.3160, 0.3464



35.2385, 0.3493, 0.3629



15.7130, 0.3162, 0.3479



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.



38.0276, 0.3225, 0.3867



66.9154, 0.3243, 0.3998



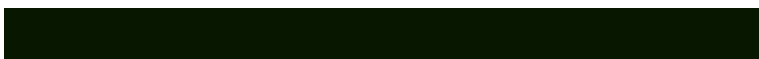
36.9172, 0.3064, 0.3817



9.0776, 0.3170, 0.3520



22.7805, 0.3217, 0.5828



0.6654, 0.3475, 0.5623

Inverse Universe

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



27.7220, 0.3006, 0.2731



45.3804, 0.2975, 0.2608



29.0655, 0.3197, 0.2814



7.9984, 0.3081, 0.3062



4.6515, 0.2316, 0.1050



0.1590, 0.2594, 0.1202

Previews

White Background



This preview shows how the Yxy color 38.0260, 0.3225, 0.3867 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 38.0260, 0.3225, 0.3867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

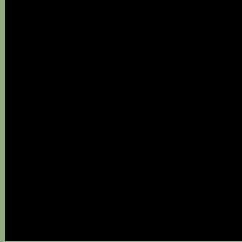
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.0260, 0.3225, 0.3867

Background



This preview shows how black text looks on a background with the Yxy color 38.0260, 0.3225, 0.3867.



This preview shows how white text looks on a background with the Yxy color 38.0260, 0.3225, 0.3867.

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

38.0260, 0.3225, 0.3867

Protanopia

37.7791, 0.3541, 0.3773

Deuteranopia

37.7076, 0.3647, 0.3575



Tritanopia

38.0006, 0.2922, 0.3105

Trichromacy



Original Color

38.0260, 0.3225, 0.3867

Protanomaly

37.7782, 0.3423, 0.3816

Deuteranomaly

37.5872, 0.3488, 0.3673

Tritanomaly

37.8286, 0.3025, 0.3363

Monochromacy



Original Color

38.0260, 0.3225, 0.3867

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.3454, 0.3165, 0.3483

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0260, 0.3225, 0.3867 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(149, 173, 135)` looks like.

```
.text, #text, p{  
    color:rgb(149, 173, 135)  
}
```

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(149, 173, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 173, 135) }
```

Border

The CSS property to change the border of an element to Yxy 38.0260, 0.3225, 0.3867 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(149, 173, 135) }
```

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

```
.border{ border-color:rgb(149, 173, 135) }
```

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

Here you see how a box with a 4 pixel rgb(149, 173, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 173, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 173, 135);  
box-shadow:4px 4px 4px 4px rgb(149, 173,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0260, 0.3225, 0.3867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 173, 135) }
```

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

```
.background{ background-color: rgb(149,  
173, 135) }
```

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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