

Converting Colors

$Yxy(38.8283, 0.3274, 0.3947)$

Have a look what the booklet for
Yxy(38.8283, 0.3274, 0.3947)
contains.

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Color

Yxy(38.8779, 0.3273, 0.3953)

Conversions

Conversions Part 1

Format	Color
Hex	97AF83
RGB	151, 175, 131
RGB Percent	59%, 69%, 51%
CMY	0.4078, 0.3137, 0.4862
CMYK	0.14, 0.00, 0.25, 0.31
HSL	93°, 22%, 60%
HSV	93°, 25%, 69%
XYZ	32.1901, 38.8779, 27.2824
YIQ	162.8080, -0.1800, -18.7720

Conversions

Conversions Part 2

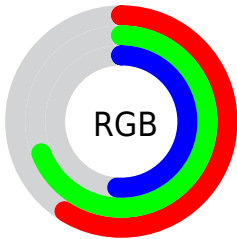
Format	Color
RYB	131, 175, 155
Decimal	9940867
CIELab	68.66, -16.40, 19.88
CIELCh	69, 25.776, 129.521
Yxy	38.8779, 0.3273, 0.3953
Android (android.graphics.Color)	4288130947 (0xFF97AF83)
YUV	162.8080, -15.6813, -10.3556
Hunter-Lab	62.3521, -16.9634, 17.7040

Details

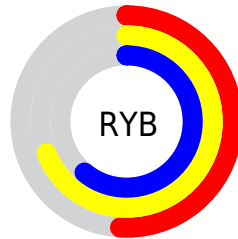
The Yxy color $38.8779, 0.3273, 0.3953$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $26.2989, 0.2944, 0.2636$, and the grayscale version is $36.6073, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.7343, 0.3253, 0.3827$, and $17.2225, 0.3316, 0.4169$ is the 20% darker color. If you saturate the color by 10%, you get $37.5677, 0.3324, 0.4248$, and if you desaturate by 10%, it is $40.3456, 0.3216, 0.3674$.

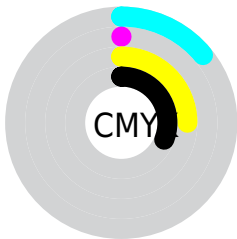
Distribution



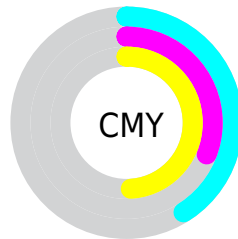
- Red (59%)
- Green (69%)
- Blue (51%)



- Red (51%)
- Yellow (69%)
- Blue (61%)



- Cyan (14%)
- Magenta (0%)
- Yellow (25%)
- Black (31%)





- Cyan (41%)
- Magenta (31%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8779, 0.3273, 0.3953 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 38.8779, 0.3273, 0.3953 by changing the saturation by 10% instead.


 38.8779, 0.3273,
0.3953


 38.8779, 0.3273,
0.3953


341.3711, 0.3204,
0.3601


 26.6648, 0.3288,
0.4048


 73.4518, 0.3249,
0.3820

 17.3216, 0.3306,
0.4173


 96.5813, 0.3240,
0.3772

 10.4641, 0.3328,
0.4347


 124.1183, 0.3232,
0.3732

 5.7077, 0.3350,
0.4604

156.4474, 0.3225,
0.3698

 2.6682, 0.3365,
0.5018

193.9528, 0.3219,
0.3668

 0.9611, 0.3472,
0.6528

237.0189, 0.3213,

 0.0000, 0.0000,

0.3643


0.0000


286.0302, 0.3208,
0.3621

 38.8779, 0.3273,
0.3953

 38.8779, 0.3273,
0.3953

 37.5677, 0.3324,
0.4248


 40.3456, 0.3216,
0.3674

 36.4041, 0.3367,
0.4549

 41.9712, 0.3158,
0.3415


 35.3827, 0.3397,
0.4846

 43.7614, 0.3099,
0.3178

 34.4968, 0.3411,
0.5124

 45.7212, 0.3041,
0.2964

 33.7390, 0.3405,
0.5367

 47.8553, 0.2986,
0.2773

■ 33.1010, 0.3378,
0.5562

■ 50.1680, 0.2934,
0.2602

■ 32.5729, 0.3333,
0.5700

■ 52.6637, 0.2885,
0.2450

■ 32.3467, 0.3309,
0.5755

■ 54.2722, 0.2948,
0.2455

■ 55.8711, 0.3022,
0.2473

Harmonies

Analogous

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



38.8779, 0.3625, 0.3951



38.8779, 0.3273, 0.3953



38.8779, 0.2895, 0.3741

Triad

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



38.8779, 0.3273, 0.3953



38.8779, 0.2446, 0.2774



38.8779, 0.3682, 0.3165

Complementary

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



38.8779, 0.3273, 0.3953



26.2989, 0.2944, 0.2636

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.



38.8779, 0.3334, 0.2894



38.8779, 0.3273, 0.3953



38.8779, 0.2627, 0.2669

Square

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



38.8779, 0.3273, 0.3953



38.8779, 0.2433, 0.3028



38.8779, 0.2946, 0.2716



38.8779, 0.3875, 0.3477

Rectangle

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



38.8779, 0.3273, 0.3953



38.8779, 0.2680, 0.3512



38.8779, 0.2946, 0.2716



38.8779, 0.3578, 0.3067

Sweetspot

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



38.8796, 0.3273, 0.3953



74.2629, 0.3175, 0.3490



34.0203, 0.3565, 0.3630



16.4083, 0.3184, 0.3528



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



38.8796, 0.3273, 0.3953



68.3323, 0.3301, 0.4110



37.1658, 0.3083, 0.3966



9.1109, 0.3182, 0.3520



23.1994, 0.3317, 0.5748



0.6781, 0.3568, 0.5549

Inverse Universe

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



26.2989, 0.2944, 0.2636



42.0293, 0.2896, 0.2484



28.3868, 0.3171, 0.2696



7.9643, 0.3068, 0.3062



4.0133, 0.2130, 0.0947



0.1436, 0.2454, 0.1126

Previews

White Background



This preview shows how the Yxy color 38.8779, 0.3273, 0.3953 looks on a white background.

Color Contrast Check

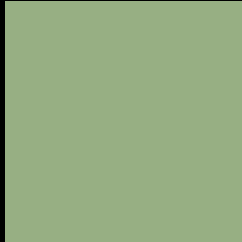
Large Text (above 18pt) WCAG AA × Fail

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 38.8779, 0.3273, 0.3953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

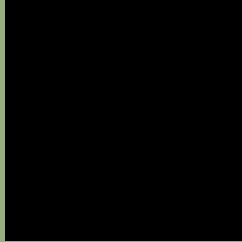
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.8779, 0.3273, 0.3953

Background



This preview shows how black text looks on a background with the Yxy color 38.8779, 0.3273, 0.3953.



This preview shows how white text looks on a background with the Yxy color 38.8779, 0.3273, 0.3953.

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

38.8779, 0.3273, 0.3953

Protanopia

38.7534, 0.3601, 0.3851

Deuteranopia

38.8131, 0.3720, 0.3650



Tritanopia

38.7536, 0.2933, 0.3093

Trichromacy



Original Color

38.8779, 0.3273, 0.3953

Protanomaly

38.7430, 0.3482, 0.3896

Deuteranomaly

38.5496, 0.3550, 0.3753

Tritanomaly

38.8381, 0.3059, 0.3406

Monochromacy



Original Color

38.8779, 0.3273, 0.3953

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.2427, 0.3190, 0.3526

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8779, 0.3273, 0.3953 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(151, 175, 131)` looks like.

```
.text, #text, p{  
    color:rgb(151, 175, 131)  
}
```

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(151, 175, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 175, 131) }
```

Border

The CSS property to change the border of an element to Yxy 38.8779, 0.3273, 0.3953 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(151, 175, 131) }
```

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

```
.border{ border-color:rgb(151, 175, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 175, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 175, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 175, 131);  
box-shadow:4px 4px 4px 4px rgb(151, 175,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8779, 0.3273, 0.3953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 175, 131) }
```

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

```
.background{ background-color: rgb(151,  
175, 131) }
```

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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