

Converting Colors

$Yxy(38.7901, 0.3560, 0.3991)$

Have a look what the booklet for
Yxy(38.7901, 0.3560, 0.3991)
contains.

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Color

Yxy(38.7879, 0.3563, 0.3992)

Conversions

Conversions Part 1

Format	Color
Hex	ABAA79
RGB	171, 170, 121
RGB Percent	67%, 67%, 47%
CMY	0.3295, 0.3333, 0.5254
CMYK	0.00, 0.01, 0.29, 0.33
HSL	59°, 23%, 57%
HSV	59°, 29%, 67%
XYZ	34.6196, 38.7879, 23.7566
YIQ	164.7130, 16.3250, -15.0270

Conversions

Conversions Part 2

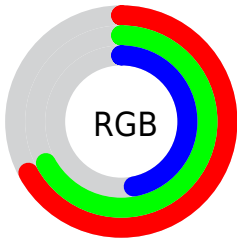
Format	Color
RYB	122, 171, 121
Decimal	11250297
CIELab	68.60, -7.56, 25.45
CIELCh	69, 26.555, 106.551
Yxy	38.7879, 0.3563, 0.3992
Android (android.graphics.Color)	4289440377 (0xFFABAA79)
YUV	164.7130, -21.5505, 5.5137
Hunter-Lab	62.2799, -9.7670, 20.9798

Details

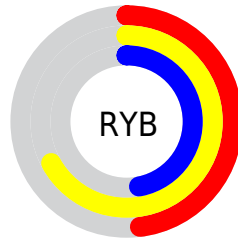
The Yxy color **38.7879, 0.3563, 0.3992** is a light color, and the websafe version is hex **999966**. A complement of this color would be **20.9253, 0.2626, 0.2476**, and the grayscale version is **37.5822, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.2373, 0.3483, 0.3851**, and **17.2763, 0.3682, 0.4207** is the 20% darker color. If you saturate the color by 10%, you get **38.2807, 0.3710, 0.4226**, and if you desaturate by 10%, it is **39.3733, 0.3412, 0.3750**.

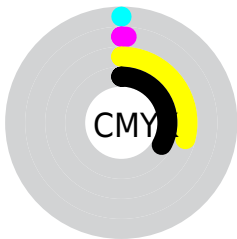
Distribution



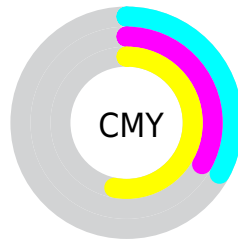
- Red (67%)
- Green (67%)
- Blue (47%)



- Red (48%)
- Yellow (67%)
- Blue (47%)



- Cyan (0%)
- Magenta (1%)
- Yellow (29%)
- Black (33%)





- Cyan (33%)
- Magenta (33%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7879, 0.3563, 0.3992 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 38.7879, 0.3563, 0.3992 by changing the saturation by 10% instead.

 38.7879, 0.3563,
0.3992


 38.7879, 0.3563,
0.3992


340.9879, 0.3344,
0.3627

 26.5948, 0.3617,
0.4087


 73.3142, 0.3484,
0.3856

 17.2691, 0.3685,
0.4211


 96.4161, 0.3454,
0.3806

 10.4266, 0.3772,
0.4377


 123.9231, 0.3429,
0.3764

 5.6827, 0.3886,
0.4611

156.2196, 0.3407,
0.3728

 2.6531, 0.4091,
0.5032

193.6899, 0.3388,
0.3698

 0.9534, 0.4302,
0.5698

236.7185, 0.3372,

 0.0000, 0.0000,

0.3671

0.0000

285.6897, 0.3357,
0.3647

■ 38.7879, 0.3563,
0.3992

■ 38.7879, 0.3563,
0.3992

■ 38.2807, 0.3710,
0.4226

■ 39.3733, 0.3412,
0.3750

■ 37.8425, 0.3847,
0.4444

■ 40.0353, 0.3262,
0.3508

■ 37.4707, 0.3968,
0.4635

■ 40.7790, 0.3116,
0.3272

■ 37.1607, 0.4069,
0.4792

■ 41.6076, 0.2978,
0.3048

■ 36.9070, 0.4145,
0.4909

■ 42.5242, 0.2848,
0.2837

■ 36.7033, 0.4196,
0.4983

■ 43.5316, 0.2728,
0.2642

■ 36.5372, 0.4225,
0.5023

■ 44.6326, 0.2619,
0.2463

■ 36.5247, 0.4228,
0.5025

■ 45.6475, 0.2535,
0.2327

■ 45.7762, 0.2535,
0.2331

Harmonies

Analogous

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



38.7879, 0.3835, 0.3837



38.7879, 0.3563, 0.3992



38.7879, 0.3184, 0.3942

Triad

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



38.7879, 0.3563, 0.3992



38.7879, 0.2400, 0.2946



38.7879, 0.3432, 0.2941

Complementary

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



38.7879, 0.3563, 0.3992



20.9253, 0.2626, 0.2476

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.



38.7879, 0.3031, 0.2732



38.7879, 0.3563, 0.3992



38.7879, 0.2455, 0.2718

Square

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



38.7879, 0.3563, 0.3992



38.7879, 0.2523, 0.3298



38.7879, 0.2678, 0.2649



38.7879, 0.3764, 0.3234

Rectangle

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



38.7879, 0.3563, 0.3992



38.7879, 0.2924, 0.3786



38.7879, 0.2678, 0.2649



38.7879, 0.3300, 0.2860

Sweetspot

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



38.7896, 0.3563, 0.3992



71.7195, 0.3261, 0.3506



23.7580, 0.3738, 0.3266



15.9542, 0.3282, 0.3540



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.



38.7896, 0.3563, 0.3992



68.8821, 0.3658, 0.4143



36.7678, 0.3332, 0.4061



9.3028, 0.3263, 0.3510



27.5476, 0.4227, 0.5026



0.7746, 0.4216, 0.5034

Inverse Universe

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



20.9253, 0.2626, 0.2476



31.6878, 0.2497, 0.2265



22.5788, 0.2866, 0.2513



7.7815, 0.2985, 0.3060



2.2807, 0.1504, 0.0616



0.0715, 0.1524, 0.0685

Previews

White Background



This preview shows how the Yxy color 38.7879, 0.3563, 0.3992 looks on a white background.

Color Contrast Check

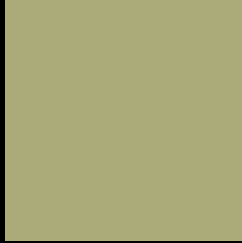
Large Text (above 18pt) WCAG AA × Fail

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 38.7879, 0.3563, 0.3992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

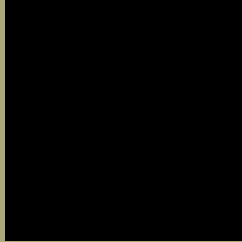
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.7879, 0.3563, 0.3992

Background



This preview shows how black text looks on a background with the Yxy color 38.7879, 0.3563, 0.3992.



This preview shows how white text looks on a background with the Yxy color 38.7879, 0.3563, 0.3992.

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

38.7879, 0.3563, 0.3992

Protanopia

38.6968, 0.3674, 0.3946

Deuteranopia

38.5774, 0.3862, 0.3778



Tritanopia

38.7940, 0.3154, 0.3114

Trichromacy



Original Color

38.7879, 0.3563, 0.3992

Protanomaly

38.7084, 0.3640, 0.3966

Deuteranomaly

38.6474, 0.3750, 0.3862

Tritanomaly

38.7867, 0.3300, 0.3430

Monochromacy



Original Color

38.7879, 0.3563, 0.3992

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.0228, 0.3284, 0.3550

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7879, 0.3563, 0.3992 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(171, 170, 121)` looks like.

```
.text, #text, p{  
    color:rgb(171, 170, 121)  
}
```

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(171, 170, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 170, 121) }
```

Border

The CSS property to change the border of an element to Yxy 38.7879, 0.3563, 0.3992 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(171, 170, 121) }
```

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

```
.border{ border-color:rgb(171, 170, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 170, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 170, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 170, 121);  
box-shadow:4px 4px 4px 4px rgb(171, 170,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7879, 0.3563, 0.3992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 170, 121) }
```

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

```
.background{ background-color: rgb(171,  
170, 121) }
```

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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