

Converting Colors

$Yxy(38.2294, 0.3391, 0.4070)$

Have a look what the booklet for
Yxy(38.2294, 0.3391, 0.4070)
contains.

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Color

Yxy(38.2362, 0.3397, 0.4070)

Conversions

Conversions Part 1

Format	Color
Hex	9BAD79
RGB	155, 173, 121
RGB Percent	61%, 68%, 47%
CMY	0.3922, 0.3216, 0.5254
CMYK	0.10, 0.00, 0.30, 0.32
HSL	81°, 24%, 58%
HSV	81°, 30%, 68%
XYZ	31.9136, 38.2362, 23.7966
YIQ	161.6900, 5.9640, -19.9880

Conversions

Conversions Part 2

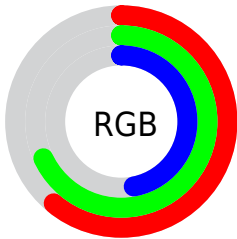
Format	Color
RYB	121, 173, 139
Decimal	10202489
CIELab	68.19, -15.38, 24.69
CIElCh	68, 29.092, 121.925
Yxy	38.2362, 0.3397, 0.4070
Android (android.graphics.Color)	4288392569 (0xFF9BAD79)
YUV	161.6900, -20.0602, -5.8671
Hunter-Lab	61.8354, -16.0872, 20.4677

Details

The Yxy color **38.2362, 0.3397, 0.4070** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.1912, 0.2790, 0.2473**, and the grayscale version is **36.0739, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.2444, 0.3351, 0.3907**, and **17.0262, 0.3458, 0.4329** is the 20% darker color. If you saturate the color by 10%, you get **37.2723, 0.3478, 0.4347**, and if you desaturate by 10%, it is **39.3090, 0.3309, 0.3797**.

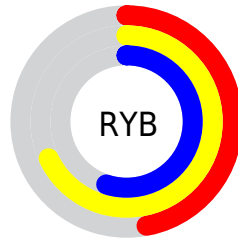
Distribution



Red (61%)

Green (68%)

Blue (47%)



Red (47%)

Yellow (68%)

Blue (55%)

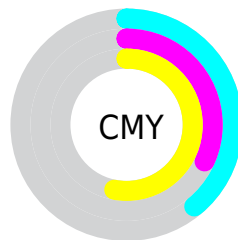


Cyan (10%)

Magenta (0%)

Yellow (30%)

Black (32%)



Cyan (39%)


Magenta (32%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.2362, 0.3397, 0.4070 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 38.2362, 0.3397, 0.4070 by changing the saturation by 10% instead.

 38.2362, 0.3397,
0.4070


 38.2362, 0.3397,
0.4070

338.6321, 0.3266,
0.3656

 26.1661, 0.3427,
0.4181


 72.4700, 0.3351,
0.3914

 16.9479, 0.3464,
0.4327


 95.4025, 0.3333,
0.3857

 10.1974, 0.3508,
0.4528


 122.7245, 0.3318,
0.3810

 5.5300, 0.3559,
0.4820

154.8206, 0.3305,
0.3770

 2.5615, 0.3661,
0.5362

192.0749, 0.3293,
0.3735

 0.9073, 0.3491,
0.6509

234.8720, 0.3283,

 0.0000, 0.0000,

0.3705

0.0000

283.5963, 0.3274,
0.3679

■ 38.2362, 0.3397,
0.4070

■ 38.2362, 0.3397,
0.4070

■ 37.2723, 0.3478,
0.4347

■ 39.3090, 0.3309,
0.3797

■ 36.4079, 0.3548,
0.4619

■ 40.4898, 0.3218,
0.3536

■ 35.6396, 0.3602,
0.4874


■ 41.7843, 0.3128,
0.3291


■ 34.9621, 0.3636,
0.5100


■ 43.1962, 0.3039,
0.3064


■ 34.3694, 0.3646,
0.5287

■ 44.7289, 0.2955,
0.2857


 33.8543, 0.3632,
0.5426

 46.3859, 0.2876,
0.2669

 33.4038, 0.3599,
0.5524

 48.1703, 0.2802,
0.2499

 49.7965, 0.2762,
0.2387

 50.6539, 0.2807,
0.2399

Harmonies

Analogous

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



38.2362, 0.3772, 0.4001



38.2362, 0.3397, 0.4070



38.2362, 0.2966, 0.3889

Triad

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



38.2362, 0.3397, 0.4070



38.2362, 0.2339, 0.2761



38.2362, 0.3669, 0.3063

Complementary

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



38.2362, 0.3397, 0.4070



22.1912, 0.2790, 0.2473

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.



38.2362, 0.3247, 0.2783



38.2362, 0.3397, 0.4070



38.2362, 0.2495, 0.2603

Square

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



38.2362, 0.3397, 0.4070



38.2362, 0.2373, 0.3084



38.2362, 0.2818, 0.2617



38.2362, 0.3944, 0.3406

Rectangle

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



38.2362, 0.3397, 0.4070



38.2362, 0.2706, 0.3648



38.2362, 0.2818, 0.2617



38.2362, 0.3538, 0.2960

Sweetspot

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



38.2379, 0.3397, 0.4070



72.7097, 0.3210, 0.3514



28.5446, 0.3709, 0.3550



15.7333, 0.3223, 0.3550



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.



38.2379, 0.3397, 0.4070



67.3202, 0.3452, 0.4252



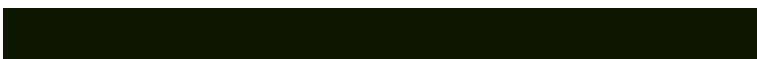
35.9909, 0.3162, 0.4130



9.1893, 0.3211, 0.3518



24.5719, 0.3605, 0.5519



0.7124, 0.3789, 0.5373

Inverse Universe

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



22.1912, 0.2790, 0.2473



33.9594, 0.2698, 0.2271



24.6281, 0.3065, 0.2536



7.8871, 0.3038, 0.3059



2.9497, 0.1778, 0.0753



0.1130, 0.2144, 0.0955

Previews

White Background



This preview shows how the Yxy color 38.2362, 0.3397, 0.4070 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 38.2362, 0.3397, 0.4070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

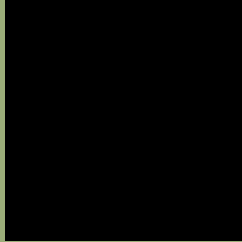
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

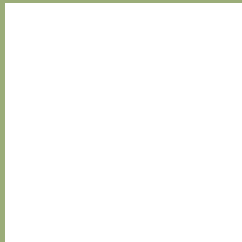
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.2362, 0.3397, 0.4070

Background



This preview shows how black text looks on a background with the Yxy color 38.2362, 0.3397, 0.4070.



This preview shows how white text looks on a background with the Yxy color 38.2362, 0.3397, 0.4070.

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

38.2362, 0.3397, 0.4070

Protanopia

38.1641, 0.3686, 0.3963

Deuteranopia

37.9873, 0.3836, 0.3756



Tritanopia

38.3136, 0.2991, 0.3108

Trichromacy



Original Color

38.2362, 0.3397, 0.4070

Protanomaly

38.2539, 0.3574, 0.4010

Deuteranomaly

37.8047, 0.3669, 0.3863

Tritanomaly

38.3181, 0.3138, 0.3450

Monochromacy



Original Color

38.2362, 0.3397, 0.4070

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.7499, 0.3227, 0.3571

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2362, 0.3397, 0.4070 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(155, 173, 121)` looks like.

```
.text, #text, p{  
    color:rgb(155, 173, 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(155, 173, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 173, 121) }
```

Border

The CSS property to change the border of an element to Yxy 38.2362, 0.3397, 0.4070 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(155, 173, 121) }
```

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

```
.border{ border-color:rgb(155, 173, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 173, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 173, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 173, 121);  
box-shadow:4px 4px 4px 4px rgb(155, 173,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2362, 0.3397, 0.4070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 173, 121) }
```

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

```
.background{ background-color: rgb(155,  
173, 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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