

Converting Colors

$Yxy(39.0825, 0.3406, 0.4211)$

Have a look what the booklet for
Yxy(39.0825, 0.3406, 0.4211)
contains.

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Color

Yxy(38.9639, 0.3409, 0.4207)

Conversions

Conversions Part 1

Format	Color
Hex	98B073
RGB	152, 176, 115
RGB Percent	60%, 69%, 45%
CMY	0.4038, 0.3098, 0.5490
CMYK	0.14, 0.00, 0.35, 0.31
HSL	84°, 28%, 57%
HSV	84°, 35%, 69%
XYZ	31.5731, 38.9639, 22.0799
YIQ	161.8700, 5.2770, -24.0590

Conversions

Conversions Part 2

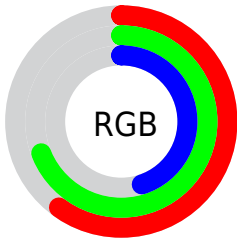
Format	Color
RYB	115, 176, 139
Decimal	10006643
CIELab	68.73, -18.91, 28.58
CIELCh	69, 34.268, 123.498
Yxy	38.9639, 0.3409, 0.4207
Android (android.graphics.Color)	4288196723 (0xFF98B073)
YUV	161.8700, -23.1069, -8.6560
Hunter-Lab	62.4211, -18.9501, 22.7224

Details

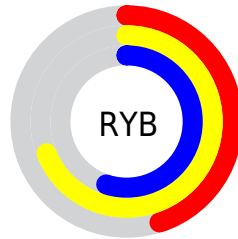
The Yxy color **38.9639, 0.3409, 0.4207** is a light color, and the websafe version is hex **999966**. A complement of this color would be **20.8865, 0.2756, 0.2339**, and the grayscale version is **36.1789, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.8058, 0.3360, 0.4022**, and **17.2686, 0.3471, 0.4500** is the 20% darker color. If you saturate the color by 10%, you get **37.9500, 0.3478, 0.4489**, and if you desaturate by 10%, it is **40.0975, 0.3331, 0.3927**.

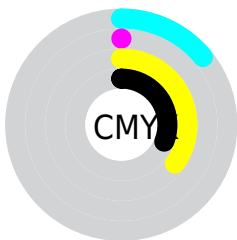
Distribution



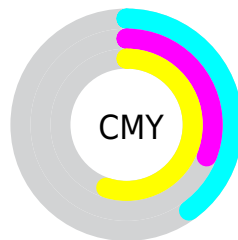
- Red (60%)
- Green (69%)
- Blue (45%)



- Red (45%)
- Yellow (69%)
- Blue (55%)



- Cyan (14%)
- Magenta (0%)
- Yellow (35%)
- Black (31%)




- Cyan (40%)
- Magenta (31%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9639, 0.3409, 0.4207 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 38.9639, 0.3409, 0.4207 by changing the saturation by 10% instead.


 38.9639, 0.3409,
0.4207


 38.9639, 0.3409,
0.4207


341.7370, 0.3276,
0.3720

 26.7316, 0.3438,
0.4337


 73.5832, 0.3364,
0.4024

 17.3718, 0.3471,
0.4508


 96.7390, 0.3346,
0.3957

 10.4999, 0.3508,
0.4743


 124.3047, 0.3330,
0.3901

 5.7317, 0.3542,
0.5079

156.6649, 0.3316,
0.3854

 2.6826, 0.3663,
0.5779

194.2038, 0.3304,
0.3813

 0.9684, 0.3203,
0.6797

237.3058, 0.3294,

 0.0000, 0.0000,

0.3778

0.0000

286.3554, 0.3285,
0.3747

■ 38.9639, 0.3409,
0.4207

■ 38.9639, 0.3409,
0.4207

■ 37.9500, 0.3478,
0.4489

■ 40.0975, 0.3331,
0.3927

■ 37.0456, 0.3533,
0.4763

■ 41.3505, 0.3249,
0.3657

■ 36.2469, 0.3570,
0.5015


■ 42.7288, 0.3166,
0.3402


■ 35.5477, 0.3586,
0.5233

■ 44.2367, 0.3083,
0.3166

■ 34.9411, 0.3577,
0.5407

■ 45.8781, 0.3004,
0.2951

 34.4187, 0.3546,
0.5530

 47.6568, 0.2928,
0.2755

 34.1642, 0.3525,
0.5583

 49.5763, 0.2857,
0.2579

 51.5878, 0.2797,
0.2428

 52.6085, 0.2848,
0.2441

Harmonies

Analogous

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



38.9639, 0.3855, 0.4127



38.9639, 0.3409, 0.4207



38.9639, 0.2908, 0.3981

Triad

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



38.9639, 0.3409, 0.4207



38.9639, 0.2221, 0.2656



38.9639, 0.3784, 0.3043

Complementary

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



38.9639, 0.3409, 0.4207



20.8865, 0.2756, 0.2339

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.



38.9639, 0.3291, 0.2719



38.9639, 0.3409, 0.4207



38.9639, 0.2409, 0.2492

Square

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



38.9639, 0.3409, 0.4207



38.9639, 0.2247, 0.3018



38.9639, 0.2788, 0.2521



38.9639, 0.4095, 0.3437

Rectangle

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



38.9639, 0.3409, 0.4207



38.9639, 0.2612, 0.3686



38.9639, 0.2788, 0.2521



38.9639, 0.3631, 0.2924

Sweetspot

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



38.9656, 0.3409, 0.4207



76.0893, 0.3212, 0.3541



28.7570, 0.3811, 0.3636



16.4164, 0.3223, 0.3576



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.



38.9656, 0.3409, 0.4207



69.1684, 0.3465, 0.4436



36.4345, 0.3139, 0.4289



9.7367, 0.3205, 0.3519



25.1025, 0.3531, 0.5578



0.8224, 0.3719, 0.5429

Inverse Universe

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



20.8865, 0.2756, 0.2339



31.1478, 0.2645, 0.2091



23.8210, 0.3086, 0.2426



8.3876, 0.3044, 0.3059



3.2648, 0.1848, 0.0791



0.1370, 0.2185, 0.0978

Previews

White Background



This preview shows how the Yxy color 38.9639, 0.3409, 0.4207 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 38.9639, 0.3409, 0.4207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

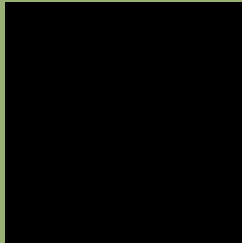
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9639, 0.3409, 0.4207

Background



This preview shows how black text looks on a background with the Yxy color 38.9639, 0.3409, 0.4207.



This preview shows how white text looks on a background with the Yxy color 38.9639, 0.3409, 0.4207.

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

38.9639, 0.3409, 0.4207

Protanopia

38.6089, 0.3764, 0.4066

Deuteranopia

38.5917, 0.3920, 0.3840



Tritanopia

38.9185, 0.2958, 0.3108

Trichromacy



Original Color

38.9639, 0.3409, 0.4207

Protanomaly

38.4654, 0.3631, 0.4122

Deuteranomaly

38.5019, 0.3726, 0.3969

Tritanomaly

38.8292, 0.3127, 0.3494

Monochromacy



Original Color

38.9639, 0.3409, 0.4207

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.9509, 0.3233, 0.3617

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9639, 0.3409, 0.4207 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(152, 176, 115)` looks like.

```
.text, #text, p{  
    color:rgb(152, 176, 115)  
}
```

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(152, 176, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 176, 115) }
```

Border

The CSS property to change the border of an element to Yxy 38.9639, 0.3409, 0.4207 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(152, 176, 115) }
```

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

```
.border{ border-color:rgb(152, 176, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 176, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 176, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 176, 115);  
box-shadow:4px 4px 4px 4px rgb(152, 176,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9639, 0.3409, 0.4207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 176, 115) }
```

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

```
.background{ background-color: rgb(152,  
176, 115) }
```

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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