

Converting Colors

Yxy(39.0286, 0.3131, 0.3819)

Have a look what the booklet for
Yxy(39.0286, 0.3131, 0.3819)
contains.

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Color

Yxy(38.9935, 0.3137, 0.3821)

Conversions

Conversions Part 1

Format	Color
Hex	91B08D
RGB	145, 176, 141
RGB Percent	57%, 69%, 55%
CMY	0.4313, 0.3098, 0.4470
CMYK	0.18, 0.00, 0.20, 0.31
HSL	113°, 18%, 62%
HSV	113°, 20%, 69%
XYZ	32.0132, 38.9935, 31.0438
YIQ	162.7410, -7.2410, -17.4570

Conversions

Conversions Part 2

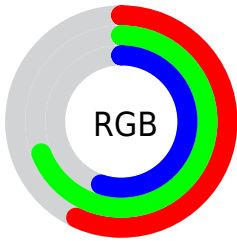
Format	Color
RYB	141, 176, 172
Decimal	9547917
CIELab	68.75, -17.40, 14.48
CIELCh	69, 22.640, 140.237
Yxy	38.9935, 0.3137, 0.3821
Android (android.graphics.Color)	4287737997 (0xFF91B08D)
YUV	162.7410, -10.7183, -15.5589
Hunter-Lab	62.4448, -17.7677, 14.2359

Details

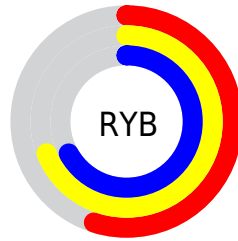
The Yxy color **38.9935, 0.3137, 0.3821** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **30.9588, 0.3109, 0.2800**, and the grayscale version is **36.5541, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.7955, 0.3134, 0.3715**, and **17.3009, 0.3130, 0.3986** is the 20% darker color. If you saturate the color by 10%, you get **37.1918, 0.3138, 0.4132**, and if you desaturate by 10%, it is **41.0761, 0.3133, 0.3539**.

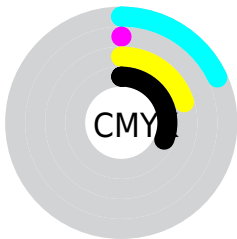
Distribution



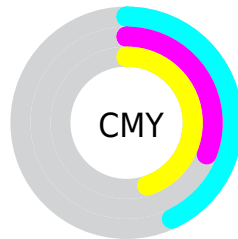
- Red (57%)
- Green (69%)
- Blue (55%)



- Red (55%)
- Yellow (69%)
- Blue (67%)



- Cyan (18%)
- Magenta (0%)
- Yellow (20%)
- Black (31%)





- Cyan (43%)
- Magenta (31%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9935, 0.3137, 0.3821 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 38.9935, 0.3137, 0.3821 by changing the saturation by 10% instead.


 38.9935, 0.3137,
0.3821


 38.9935, 0.3137,
0.3821


341.8629, 0.3136,
0.3539


 26.7547, 0.3136,
0.3897


 73.6284, 0.3138,
0.3715

 17.3891, 0.3133,
0.3998


 96.7932, 0.3138,
0.3676

 10.5123, 0.3126,
0.4139


 124.3689, 0.3138,
0.3644

 5.7399, 0.3113,
0.4349

156.7397, 0.3137,
0.3616

 2.6876, 0.3079,
0.4693

194.2901, 0.3137,
0.3593

 0.9709, 0.3285,
0.6437

237.4045, 0.3137,

 0.0000, 0.0000,

0.3573

0.0000

286.4673, 0.3137,
0.3555

■ 38.9935, 0.3137,
0.3821

■ 38.9935, 0.3137,
0.3821

■ 37.1918, 0.3138,
0.4132

■ 41.0761, 0.3133,
0.3539

■ 35.6541, 0.3136,
0.4466

■ 43.4456, 0.3127,
0.3287

■ 34.3696, 0.3129,
0.4809

■ 46.1141, 0.3120,
0.3066

■ 33.3245, 0.3117,
0.5144

■ 49.0916, 0.3112,
0.2874

■ 32.5039, 0.3099,
0.5448

■ 52.3877, 0.3104,
0.2707

■ 31.8910, 0.3077,
0.5696

■ 56.0112, 0.3096,
0.2562

■ 31.4669, 0.3052,
0.5871

■ 59.3633, 0.3156,
0.2515

■ 31.2029, 0.3030,
0.5975

■ 59.5302, 0.3163,
0.2517

■ 31.2004, 0.3030,
0.5976

Harmonies

Analogous

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



38.9935, 0.3465, 0.3891



38.9935, 0.3137, 0.3821



38.9935, 0.2818, 0.3582

Triad

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



38.9935, 0.3137, 0.3821



38.9935, 0.2566, 0.2787



38.9935, 0.3693, 0.3280

Complementary

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



38.9935, 0.3137, 0.3821



30.9588, 0.3109, 0.2800

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.



38.9935, 0.3428, 0.3019



38.9935, 0.3137, 0.3821



38.9935, 0.2776, 0.2740

Square

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



38.9935, 0.3137, 0.3821



38.9935, 0.2500, 0.2969



38.9935, 0.3089, 0.2826



38.9935, 0.3798, 0.3556

Rectangle

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



38.9935, 0.3137, 0.3821



38.9935, 0.2651, 0.3369



38.9935, 0.3089, 0.2826



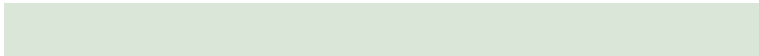
38.9935, 0.3619, 0.3188

Sweetspot

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



38.9952, 0.3137, 0.3821



76.0583, 0.3131, 0.3440



40.6271, 0.3431, 0.3722



16.4255, 0.3131, 0.3456



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.



38.9952, 0.3137, 0.3821



69.1785, 0.3138, 0.3959



39.0615, 0.2997, 0.3616



9.5351, 0.3133, 0.3524



22.9064, 0.3033, 0.5974



0.7357, 0.3155, 0.5877

Inverse Universe

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



30.9588, 0.3109, 0.2800



51.8389, 0.3103, 0.2685



30.9137, 0.3284, 0.2985



8.5964, 0.3120, 0.3064



7.4915, 0.2926, 0.1386



0.2496, 0.3010, 0.1432

Previews

White Background



This preview shows how the Yxy color 38.9935, 0.3137, 0.3821 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 38.9935, 0.3137, 0.3821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

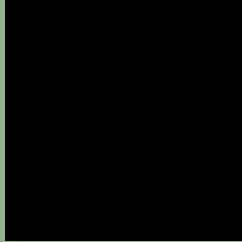
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9935, 0.3137, 0.3821

Background



This preview shows how black text looks on a background with the Yxy color 38.9935, 0.3137, 0.3821.



This preview shows how white text looks on a background with the Yxy color 38.9935, 0.3137, 0.3821.

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

38.9935, 0.3137, 0.3821

Protanopia

38.7907, 0.3490, 0.3712

Deuteranopia

38.7098, 0.3592, 0.3519



Tritanopia

38.8855, 0.2859, 0.3091

Trichromacy



Original Color

38.9935, 0.3137, 0.3821

Protanomaly

38.5838, 0.3356, 0.3756

Deuteranomaly

38.3696, 0.3418, 0.3616

Tritanomaly

38.7218, 0.2958, 0.3348

Monochromacy



Original Color

38.9935, 0.3137, 0.3821

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.4397, 0.3127, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9935, 0.3137, 0.3821 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(145, 176, 141)` looks like.

```
.text, #text, p{  
  color:rgb(145, 176, 141)  
}
```

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(145, 176, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 176, 141) }
```

Border

The CSS property to change the border of an element to Yxy 38.9935, 0.3137, 0.3821 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(145, 176, 141) }
```

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

```
.border{ border-color:rgb(145, 176, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 176, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 176, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 176, 141); box-shadow:4px 4px 4px 4px rgb(145, 176, 141) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9935, 0.3137, 0.3821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 176, 141) }
```

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

```
.background{ background-color: rgb(145,  
176, 141) }
```

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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