

Converting Colors

$Yxy(38.3571, 0.3139, 0.4137)$

Have a look what the booklet for
Yxy(38.3571, 0.3139, 0.4137)
contains.

Yxy(38.5462, 0.3137, 0.4143)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(38.5462, 0.3137, 0.4143)

Conversions

Conversions Part 1

Format	Color
Hex	83B37D
RGB	131, 179, 125
RGB Percent	51%, 70%, 49%
CMY	0.4861, 0.2981, 0.5098
CMYK	0.27, 0.00, 0.30, 0.30
HSL	113°, 26%, 60%
HSV	113°, 30%, 70%
XYZ	29.1864, 38.5462, 25.3067
YIQ	158.4920, -11.2740, -26.9700

Conversions

Conversions Part 2

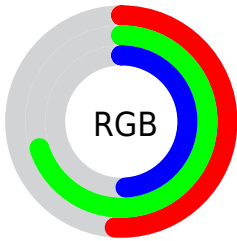
Format	Color
RYB	125, 179, 173
Decimal	8631165
CIELab	68.42, -26.56, 22.59
CIELCh	68, 34.864, 139.620
Yxy	38.5462, 0.3137, 0.4143
Android (android.graphics.Color)	4286821245 (0xFF83B37D)
YUV	158.4920, -16.5116, -24.1105
Hunter-Lab	62.0856, -24.7369, 19.2927

Details

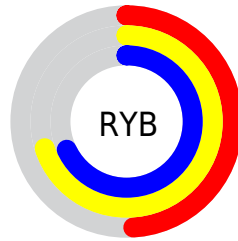
The Yxy color **38.5462, 0.3137, 0.4143** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **26.8051, 0.3096, 0.2538**, and the grayscale version is **34.5119, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.9453, 0.3141, 0.3968**, and **17.1490, 0.3117, 0.4427** is the 20% darker color. If you saturate the color by 10%, you get **36.9566, 0.3134, 0.4478**, and if you desaturate by 10%, it is **40.4164, 0.3136, 0.3830**.

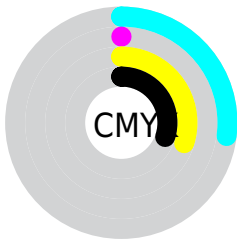
Distribution



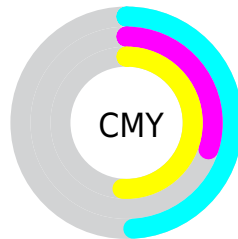
- Red (51%)
- Green (70%)
- Blue (49%)



- Red (49%)
- Yellow (70%)
- Blue (68%)



- Cyan (27%)
- Magenta (0%)
- Yellow (30%)
- Black (30%)




- Cyan (49%)
- Magenta (30%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.5462, 0.3137, 0.4143 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 38.5462, 0.3137, 0.4143 by changing the saturation by 10% instead.


 38.5462, 0.3137,
0.4143

 38.5462, 0.3137,
0.4143

339.9573, 0.3143,
0.3684


 26.4069, 0.3131,
0.4269


 72.9446, 0.3142,
0.3968

 17.1283, 0.3120,
0.4438


 95.9724, 0.3143,
0.3905

 10.3260, 0.3098,
0.4674


 123.3985, 0.3144,
0.3852

 5.6156, 0.3053,
0.5028

155.6073, 0.3144,
0.3808

 2.6128, 0.2969,
0.5645

192.9832, 0.3144,
0.3770

 0.9331, 0.2031,
0.7969

235.9105, 0.3144,

 0.0000, 0.0000,

0.3737

0.0000

284.7738, 0.3143,
0.3709

■ 38.5462, 0.3137,
0.4143

■ 38.5462, 0.3137,
0.4143

■ 36.9566, 0.3134,
0.4478

■ 40.4164, 0.3136,
0.3830

■ 35.6293, 0.3127,
0.4822

■ 42.5748, 0.3133,
0.3546

■ 34.5518, 0.3114,
0.5157

■ 45.0345, 0.3127,
0.3294


■ 33.7081, 0.3096,
0.5460

■ 47.8065, 0.3121,
0.3072

■ 33.0807, 0.3074,
0.5706

■ 50.9013, 0.3113,
0.2878

 32.6495, 0.3049,
0.5877

 54.3289, 0.3106,
0.2711

 32.3872, 0.3028,
0.5978

 58.0987, 0.3098,
0.2565

 60.7187, 0.3162,
0.2546

Harmonies

Analogous

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



38.5462, 0.3640, 0.4224



38.5462, 0.3137, 0.4143



38.5462, 0.2655, 0.3759

Triad

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



38.5462, 0.3137, 0.4143



38.5462, 0.2280, 0.2528



38.5462, 0.4001, 0.3248

Complementary

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



38.5462, 0.3137, 0.4143



26.8051, 0.3096, 0.2538

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.



38.5462, 0.3577, 0.2872



38.5462, 0.3137, 0.4143



38.5462, 0.2581, 0.2469

Square

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



38.5462, 0.3137, 0.4143



38.5462, 0.2188, 0.2790



38.5462, 0.3048, 0.2596



38.5462, 0.4165, 0.3658

Rectangle

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



38.5462, 0.3137, 0.4143



38.5462, 0.2408, 0.3412



38.5462, 0.3048, 0.2596



38.5462, 0.3883, 0.3116

Sweetspot

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



38.5478, 0.3137, 0.4143



76.6734, 0.3132, 0.3520



40.8356, 0.3598, 0.3952



16.8544, 0.3133, 0.3558



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



38.5478, 0.3137, 0.4143



67.1484, 0.3136, 0.4357



38.6656, 0.2934, 0.3814



9.5340, 0.3132, 0.3524



22.9024, 0.3032, 0.5974



0.7352, 0.3151, 0.5880

Inverse Universe

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



26.8051, 0.3096, 0.2538



42.8140, 0.3086, 0.2377



26.7321, 0.3388, 0.2820



8.5976, 0.3120, 0.3064



7.5274, 0.2933, 0.1390



0.2505, 0.3015, 0.1435

Previews

White Background



This preview shows how the Yxy color 38.5462, 0.3137, 0.4143 looks on a white background.

Color Contrast Check

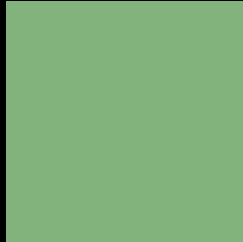
Large Text (above 18pt) WCAG AA × Fail

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 38.5462, 0.3137, 0.4143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

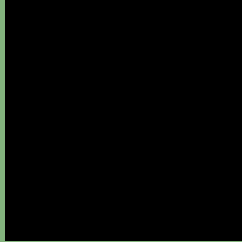
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.5462, 0.3137, 0.4143

Background



This preview shows how black text looks on a background with the Yxy color 38.5462, 0.3137, 0.4143.



This preview shows how white text looks on a background with the Yxy color 38.5462, 0.3137, 0.4143.

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

38.5462, 0.3137, 0.4143

Protanopia

38.1881, 0.3677, 0.3949

Deuteranopia

38.3287, 0.3773, 0.3704



Tritanopia

38.2913, 0.2765, 0.3086

Trichromacy



Original Color

38.5462, 0.3137, 0.4143

Protanomaly

38.1877, 0.3471, 0.4027

Deuteranomaly

37.9666, 0.3522, 0.3850

Tritanomaly

38.2348, 0.2898, 0.3456

Monochromacy



Original Color

38.5462, 0.3137, 0.4143

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.7686, 0.3132, 0.3580

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5462, 0.3137, 0.4143 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(131, 179, 125)` looks like.

```
.text, #text, p{  
    color:rgb(131, 179, 125)  
}
```

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(131, 179, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 179, 125) }
```

Border

The CSS property to change the border of an element to Yxy 38.5462, 0.3137, 0.4143 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(131, 179, 125) }
```

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

```
.border{ border-color:rgb(131, 179, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 179, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 179, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 179, 125);  
box-shadow:4px 4px 4px 4px rgb(131, 179,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5462, 0.3137, 0.4143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 179, 125) }
```

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

```
.background{ background-color: rgb(131,  
179, 125) }
```

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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