

Converting Colors

Yxy(51.6970, 0.3143, 0.4144)

Have a look what the booklet for
Yxy(51.6970, 0.3143, 0.4144)
contains.

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Color

Yxy(51.6529, 0.3138, 0.4143)

Conversions

Conversions Part 1

Format	Color
Hex	96CC8F
RGB	150, 204, 143
RGB Percent	59%, 80%, 56%
CMY	0.4119, 0.2000, 0.4392
CMYK	0.26, 0.00, 0.30, 0.20
HSL	113°, 37%, 68%
HSV	113°, 30%, 80%
XYZ	39.1231, 51.6529, 33.8992
YIQ	180.9000, -12.6030, -30.4190

Conversions

Conversions Part 2

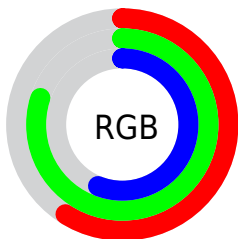
Format	Color
RYB	143, 204, 197
Decimal	9882767
CIELab	77.07, -29.24, 24.92
CIELCh	77, 38.417, 139.562
Yxy	51.6529, 0.3138, 0.4143
Android (android.graphics.Color)	4288072847 (0xFF96CC8F)
YUV	180.9000, -18.6847, -27.0993
Hunter-Lab	71.8700, -28.6043, 22.3434

Details

The Yxy color **51.6529, 0.3138, 0.4143** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.8889, 0.3095, 0.2538**, and the grayscale version is **46.2564, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5304, 0.3146, 0.3922**, and **25.1268, 0.3121, 0.4413** is the 20% darker color. If you saturate the color by 10%, you get **49.5076, 0.3135, 0.4481**, and if you desaturate by 10%, it is **54.1796, 0.3137, 0.3828**.

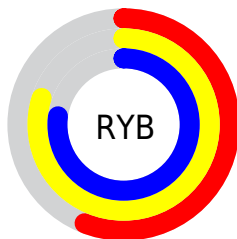
Distribution



Red (59%)

Green (80%)

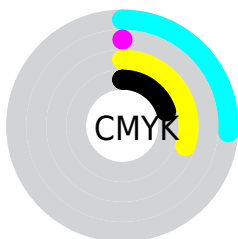
Blue (56%)



Red (56%)

Yellow (80%)

Blue (77%)

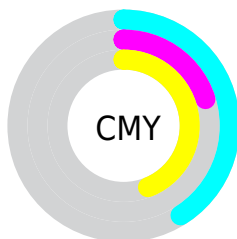


Cyan (26%)

Magenta (0%)

Yellow (30%)

Black (20%)



Cyan (41%)


Magenta (20%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.6529, 0.3138, 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 51.6529, 0.3138, 0.4143 by changing the saturation by 10% instead.


 51.6529, 0.3138,
0.4143


 51.6529, 0.3138,
0.4143


393.0951, 0.3144,
0.3704

 36.7285, 0.3133,
0.4256

 92.6191, 0.3143,
0.3981

 24.9973, 0.3124,
0.4402


 119.4298, 0.3144,
0.3921

 16.0751, 0.3107,
0.4599


150.9712, 0.3144,
0.3871

 9.5773, 0.3076,
0.4878

187.6279, 0.3145,
0.3828

 5.1196, 0.3011,
0.5297

229.7843, 0.3145,
0.3790

 2.3176, 0.2958,
0.6197

277.8247, 0.3144,

 0.7830, 0.0374,

0.3758

0.9626

332.1335, 0.3144,
0.3730

0.0000, 0.0000,
0.0000

51.6529, 0.3138,
0.4143

51.6529, 0.3138,
0.4143

49.5076, 0.3135,
0.4481

54.1796, 0.3137,
0.3828

47.7190, 0.3128,
0.4828

57.0981, 0.3133,
0.3542

46.2695, 0.3115,
0.5165

60.4265, 0.3127,
0.3288

45.1375, 0.3097,
0.5469

64.1798, 0.3120,
0.3065

44.2988, 0.3074,
0.5714

68.3724, 0.3112,
0.2870

■ 43.7257, 0.3049,
0.5883

■ 71.6716, 0.3151,
0.2792

■ 43.3790, 0.3026,
0.5978

■ 43.3764, 0.3026,
0.5979

Harmonies

Analogous

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



51.6529, 0.3641, 0.4224



51.6529, 0.3138, 0.4143



51.6529, 0.2656, 0.3760

Triad

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



51.6529, 0.3138, 0.4143



51.6529, 0.2280, 0.2528



51.6529, 0.4000, 0.3248

Complementary

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



51.6529, 0.3138, 0.4143



35.8889, 0.3095, 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.



51.6529, 0.3576, 0.2872



51.6529, 0.3138, 0.4143



51.6529, 0.2580, 0.2470

Square

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



51.6529, 0.3138, 0.4143



51.6529, 0.2188, 0.2791



51.6529, 0.3047, 0.2596



51.6529, 0.4165, 0.3657

Rectangle

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



51.6529, 0.3138, 0.4143



51.6529, 0.2409, 0.3413



51.6529, 0.3047, 0.2596



51.6529, 0.3882, 0.3115

Sweetspot

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



51.6551, 0.3138, 0.4143



94.9537, 0.3133, 0.3521



54.7079, 0.3598, 0.3952



20.1609, 0.3133, 0.3561



0.0000, 0.0000, 0.0000



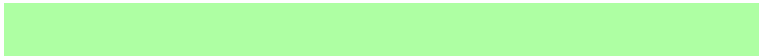
21.4041, 0.3127, 0.3290

Same Dimension

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



51.6551, 0.3138, 0.4143



83.1299, 0.3137, 0.4363



51.8002, 0.2934, 0.3814



12.5971, 0.3133, 0.3528



27.3187, 0.3031, 0.5975



1.4304, 0.3120, 0.5905

Inverse Universe

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



35.8889, 0.3095, 0.2538



52.8174, 0.3084, 0.2372



35.8091, 0.3388, 0.2820



11.3364, 0.3120, 0.3060



8.9364, 0.2926, 0.1386



0.4799, 0.2985, 0.1418

Previews

White Background



This preview shows how the Yxy color 51.6529, 0.3138, 0.4143 looks on a white background.

Color Contrast Check

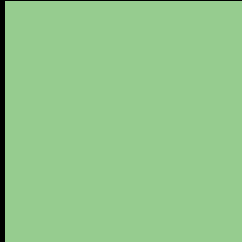
Large Text (above 18pt) WCAG AA × Fail

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 51.6529, 0.3138, 0.4143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

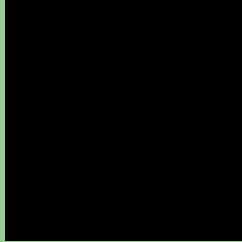
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.6529, 0.3138, 0.4143

Background



This preview shows how black text looks on a background with the Yxy color 51.6529, 0.3138, 0.4143.

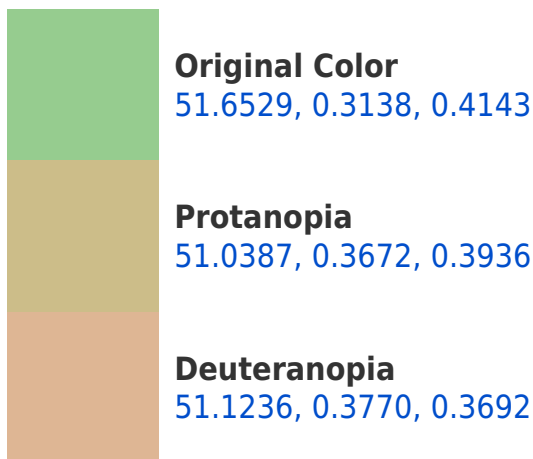


This preview shows how white text looks on a background with the Yxy color 51.6529, 0.3138, 0.4143.

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





Tritanopia

51.4147, 0.2770, 0.3084

Trichromacy



Original Color

51.6529, 0.3138, 0.4143



Protanomaly

50.6380, 0.3463, 0.4011



Deuteranomaly

50.6380, 0.3525, 0.3850



Tritanomaly

51.2024, 0.2908, 0.3450

Monochromacy



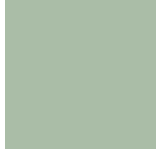
Original Color

51.6529, 0.3138, 0.4143



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

47.7313, 0.3138, 0.3587

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6529, 0.3138, 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(150, 204, 143)` looks like.

```
.text, #text, p{  
    color:rgb(150, 204, 143)  
}
```

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(150, 204, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 204, 143) }
```

Border

The CSS property to change the border of an element to Yxy 51.6529, 0.3138, 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(150, 204, 143) }
```

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

```
.border{ border-color:rgb(150, 204, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 204, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 204, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 204, 143);  
box-shadow:4px 4px 4px 4px rgb(150, 204,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6529, 0.3138, 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(150, 204, 143) }
```

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

```
.background{ background-color: rgb(150,  
204, 143) }
```

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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