

Converting Colors

Yxy(51.1730, 0.3144, 0.3847)

Have a look what the booklet for
Yxy(51.1730, 0.3144, 0.3847)
contains.

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Color

Yxy(51.2080, 0.3148, 0.3846)

Conversions

Conversions Part 1

Format	Color
Hex	A4C79E
RGB	164, 199, 158
RGB Percent	64%, 78%, 62%
CMY	0.3566, 0.2196, 0.3804
CMYK	0.18, 0.00, 0.21, 0.22
HSL	111°, 27%, 70%
HSV	111°, 21%, 78%
XYZ	41.9144, 51.2080, 40.0237
YIQ	183.8610, -7.6990, -20.1710

Conversions

Conversions Part 2

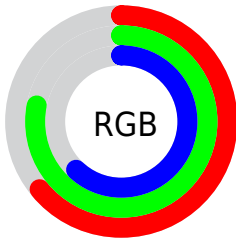
Format	Color
RYB	158, 199, 193
Decimal	10799006
CIELab	76.80, -19.44, 16.74
CIELCh	77, 25.656, 139.270
Yxy	51.2080, 0.3148, 0.3846
Android (android.graphics.Color)	4288989086 (0xFFA4C79E)
YUV	183.8610, -12.7495, -17.4181
Hunter-Lab	71.5598, -20.6775, 16.9306

Details

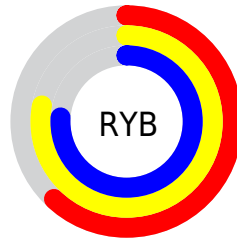
The Yxy color **51.2080, 0.3148, 0.3846** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.9065, 0.3095, 0.2775**, and the grayscale version is **47.9339, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3842, 0.3143, 0.3731**, and **24.7362, 0.3154, 0.4020** is the 20% darker color. If you saturate the color by 10%, you get **48.8930, 0.3154, 0.4160**, and if you desaturate by 10%, it is **53.8789, 0.3139, 0.3560**.

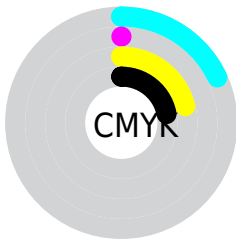
Distribution



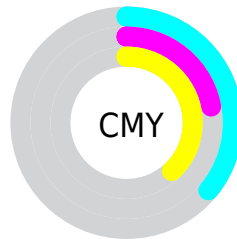
- Red (64%)
- Green (78%)
- Blue (62%)



- Red (62%)
- Yellow (78%)
- Blue (76%)



- Cyan (18%)
- Magenta (0%)
- Yellow (21%)
- Black (22%)





- Cyan (36%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.2080, 0.3148, 0.3846 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 51.2080, 0.3148, 0.3846 by changing the saturation by 10% instead.


 51.2080, 0.3148,
0.3846


 51.2080, 0.3148,
0.3846


391.3714, 0.3142,
0.3564

 36.3742, 0.3148,
0.3918


 91.9622, 0.3147,
0.3742

 24.7233, 0.3147,
0.4011


 118.6513, 0.3146,
0.3704

 15.8710, 0.3143,
0.4136


150.0609, 0.3146,
0.3671

 9.4329, 0.3135,
0.4312

186.5756, 0.3145,
0.3643

 5.0246, 0.3116,
0.4579

228.5795, 0.3144,
0.3619

 2.2617, 0.3068,
0.5030

276.4572, 0.3144,


 0.7533, 0.2427,

0.3598


0.7573


330.5930, 0.3143,
0.3580

 0.0000, 0.0000,
0.0000


 51.2080, 0.3148,
0.3846


 51.2080, 0.3148,
0.3846


 48.8930, 0.3154,
0.4160


 53.8789, 0.3139,
0.3560


 46.9127, 0.3155,
0.4495


 56.9131, 0.3128,
0.3304

 45.2532, 0.3151,
0.4838

 60.3258, 0.3116,
0.3079

 43.8976, 0.3140,
0.5170

 64.1297, 0.3103,
0.2882

 42.8270, 0.3121,
0.5468

 68.1745, 0.3108,
0.2734

■ 42.0206, 0.3096,
0.5709

■ 69.3223, 0.3153,
0.2742

■ 41.4544, 0.3066,
0.5876

■ 41.1096, 0.3040,
0.5968

Harmonies

Analogous

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



51.2080, 0.3486, 0.3911



51.2080, 0.3148, 0.3846



51.2080, 0.2816, 0.3602

Triad

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



51.2080, 0.3148, 0.3846



51.2080, 0.2543, 0.2773



51.2080, 0.3707, 0.3269

Complementary

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



51.2080, 0.3148, 0.3846



39.9065, 0.3095, 0.2775

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.



51.2080, 0.3428, 0.3002



51.2080, 0.3148, 0.3846



51.2080, 0.2755, 0.2722

Square

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



51.2080, 0.3148, 0.3846



51.2080, 0.2479, 0.2966



51.2080, 0.3075, 0.2806



51.2080, 0.3821, 0.3555

Rectangle

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



51.2080, 0.3148, 0.3846



51.2080, 0.2642, 0.3382



51.2080, 0.3075, 0.2806



51.2080, 0.3628, 0.3175

Sweetspot

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



51.2102, 0.3148, 0.3846



96.6639, 0.3134, 0.3441



52.6797, 0.3449, 0.3726



20.6155, 0.3135, 0.3458



0.0000, 0.0000, 0.0000



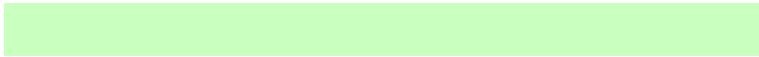
21.4041, 0.3127, 0.3290

Same Dimension

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



51.2102, 0.3148, 0.3846



87.6649, 0.3151, 0.3993



51.1038, 0.3001, 0.3651



11.9619, 0.3138, 0.3527



26.4612, 0.3045, 0.5964



1.2777, 0.3161, 0.5872

Inverse Universe

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



39.9065, 0.3095, 0.2775



64.1071, 0.3086, 0.2652



40.0836, 0.3280, 0.2954



10.7341, 0.3115, 0.3061



8.1470, 0.2842, 0.1339



0.4080, 0.2923, 0.1384

Previews

White Background



This preview shows how the Yxy color 51.2080, 0.3148, 0.3846 looks on a white background.

Color Contrast Check

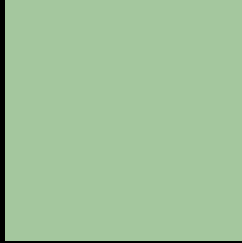
Large Text (above 18pt) WCAG AA × Fail

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 51.2080, 0.3148, 0.3846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

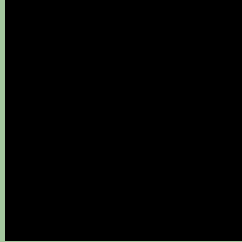
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

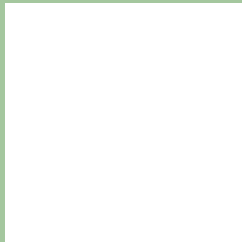
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.2080, 0.3148, 0.3846

Background



This preview shows how black text looks on a background with the Yxy color 51.2080, 0.3148, 0.3846.

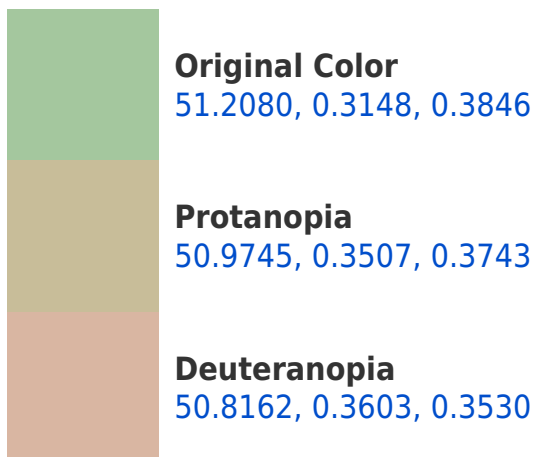


This preview shows how white text looks on a background with the Yxy color 51.2080, 0.3148, 0.3846.

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

51.0240, 0.2858, 0.3087

Trichromacy



Original Color

51.2080, 0.3148, 0.3846

Protanomaly

51.0713, 0.3368, 0.3782

Deuteranomaly

50.5454, 0.3427, 0.3631

Tritanomaly

51.1829, 0.2961, 0.3355

Monochromacy



Original Color

51.2080, 0.3148, 0.3846

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.8374, 0.3135, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2080, 0.3148, 0.3846 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(164, 199, 158)` looks like.

```
.text, #text, p{  
    color:rgb(164, 199, 158)  
}
```

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(164, 199, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 199, 158) }
```

Border

The CSS property to change the border of an element to Yxy 51.2080, 0.3148, 0.3846 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(164, 199, 158) }
```

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

```
.border{ border-color:rgb(164, 199, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 199, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 199, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 199, 158);  
box-shadow:4px 4px 4px 4px rgb(164, 199,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2080, 0.3148, 0.3846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 199, 158) }
```

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

```
.background{ background-color: rgb(164,  
199, 158) }
```

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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