

Converting Colors

Yxy(53.9572, 0.3115, 0.3846)

Have a look what the booklet for
Yxy(53.9572, 0.3115, 0.3846)
contains.

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Color

Yxy(53.8294, 0.3117, 0.3837)

Conversions

Conversions Part 1

Format	Color
Hex	A5CCA3
RGB	165, 204, 163
RGB Percent	65%, 80%, 64%
CMY	0.3527, 0.2000, 0.3608
CMYK	0.19, 0.00, 0.20, 0.20
HSL	117°, 29%, 72%
HSV	117°, 20%, 80%
XYZ	43.7285, 53.8294, 42.7324
YIQ	187.6650, -10.0830, -21.0190

Conversions

Conversions Part 2

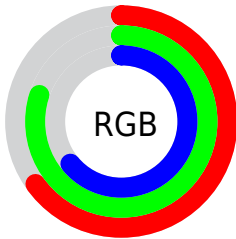
Format	Color
RYB	163, 204, 202
Decimal	10865827
CIELab	78.36, -20.74, 16.26
CIELCh	78, 26.357, 141.899
Yxy	53.8294, 0.3117, 0.3837
Android (android.graphics.Color)	4289055907 (0xFFA5CCA3)
YUV	187.6650, -12.1598, -19.8772
Hunter-Lab	73.3685, -22.0068, 16.8254

Details

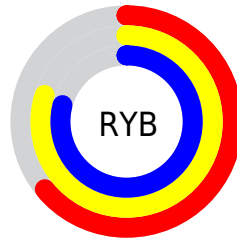
The Yxy color **53.8294, 0.3117, 0.3837** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.0991, 0.3132, 0.2793**, and the grayscale version is **50.1702, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7976, 0.3121, 0.3677**, and **26.4051, 0.3103, 0.4006** is the 20% darker color. If you saturate the color by 10%, you get **51.2350, 0.3109, 0.4157**, and if you desaturate by 10%, it is **56.8611, 0.3123, 0.3548**.

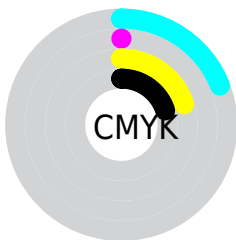
Distribution



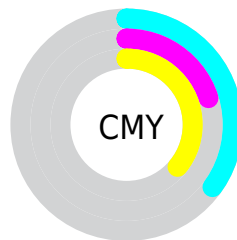
- Red (65%)
- Green (80%)
- Blue (64%)



- Red (64%)
- Yellow (80%)
- Blue (79%)



- Cyan (19%)
- Magenta (0%)
- Yellow (20%)
- Black (20%)





- Cyan (35%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8294, 0.3117, 0.3837 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 53.8294, 0.3117, 0.3837 by changing the saturation by 10% instead.


 53.8294, 0.3117,
0.3837

 53.8294, 0.3117,
0.3837


401.4591, 0.3127,
0.3561

 38.4653, 0.3113,
0.3907


 95.8237, 0.3122,
0.3736

 26.3440, 0.3108,
0.3996


 123.2227, 0.3123,
0.3699

 17.0812, 0.3099,
0.4116


155.4021, 0.3124,
0.3667

 10.2924, 0.3083,
0.4284

192.7463, 0.3125,
0.3640

 5.5932, 0.3054,
0.4535

235.6397, 0.3125,
0.3616

 2.5994, 0.2992,
0.4950

284.4667, 0.3126,

 0.9263, 0.2874,

0.3595

0.7126

339.6117, 0.3126,
0.3577

0.0000, 0.0000,
0.0000

53.8294, 0.3117,
0.3837

53.8294, 0.3117,
0.3837

51.2350, 0.3109,
0.4157

56.8611, 0.3123,
0.3548

49.0512, 0.3098,
0.4501

60.3417, 0.3127,
0.3292

47.2592, 0.3085,
0.4855

64.2909, 0.3130,
0.3069

45.8356, 0.3070,
0.5197

68.7252, 0.3131,
0.2876

44.7548, 0.3053,
0.5503

71.6624, 0.3151,
0.2791

■ 43.9879, 0.3036,
0.5746

■ 43.5012, 0.3020,
0.5908

■ 43.2485, 0.3009,
0.5993

Harmonies

Analogous

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



53.8294, 0.3462, 0.3920



53.8294, 0.3117, 0.3837



53.8294, 0.2787, 0.3578

Triad

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



53.8294, 0.3117, 0.3837



53.8294, 0.2550, 0.2758



53.8294, 0.3731, 0.3294

Complementary

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



53.8294, 0.3117, 0.3837



43.0991, 0.3132, 0.2793

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.



53.8294, 0.3460, 0.3021



53.8294, 0.3117, 0.3837



53.8294, 0.2776, 0.2719

Square

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



53.8294, 0.3117, 0.3837



53.8294, 0.2472, 0.2940



53.8294, 0.3106, 0.2815



53.8294, 0.3829, 0.3581

Rectangle

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



53.8294, 0.3117, 0.3837



53.8294, 0.2618, 0.3353



53.8294, 0.3106, 0.2815



53.8294, 0.3656, 0.3199

Sweetspot

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



53.8317, 0.3117, 0.3837



96.4008, 0.3125, 0.3441



57.3750, 0.3433, 0.3755



20.5535, 0.3125, 0.3458



0.0000, 0.0000, 0.0000



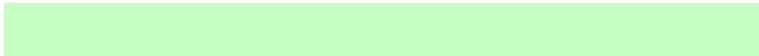
21.4041, 0.3127, 0.3290

Same Dimension

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



53.8317, 0.3117, 0.3837



87.2594, 0.3114, 0.3968



54.2947, 0.2981, 0.3596



12.5634, 0.3123, 0.3529



27.2354, 0.3012, 0.5990



1.4147, 0.3054, 0.5957

Inverse Universe

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



43.0991, 0.3132, 0.2793



66.3962, 0.3132, 0.2686



42.5837, 0.3306, 0.3003



11.3739, 0.3130, 0.3061



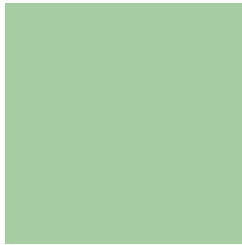
9.9548, 0.3085, 0.1473



0.5226, 0.3111, 0.1487

Previews

White Background



This preview shows how the Yxy color 53.8294, 0.3117, 0.3837 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 53.8294, 0.3117, 0.3837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

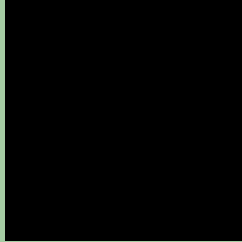
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.8294, 0.3117, 0.3837

Background



This preview shows how black text looks on a background with the Yxy color 53.8294, 0.3117, 0.3837.



This preview shows how white text looks on a background with the Yxy color 53.8294, 0.3117, 0.3837.

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

53.8294, 0.3117, 0.3837

Protanopia

53.5877, 0.3500, 0.3720

Deuteranopia

53.4374, 0.3594, 0.3514



Tritanopia

53.6208, 0.2836, 0.3090

Trichromacy



Original Color

53.8294, 0.3117, 0.3837

Protanomaly

53.4177, 0.3348, 0.3761

Deuteranomaly

53.3106, 0.3402, 0.3625

Tritanomaly

53.7947, 0.2935, 0.3354

Monochromacy



Original Color

53.8294, 0.3117, 0.3837

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.5415, 0.3126, 0.3484

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8294, 0.3117, 0.3837 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(165, 204, 163)` looks like.

```
.text, #text, p{  
    color:rgb(165, 204, 163)  
}
```

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(165, 204, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 204, 163) }
```

Border

The CSS property to change the border of an element to Yxy 53.8294, 0.3117, 0.3837 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(165, 204, 163) }
```

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

```
.border{ border-color:rgb(165, 204, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 204, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 204, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 204, 163);  
box-shadow:4px 4px 4px 4px rgb(165, 204,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8294, 0.3117, 0.3837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 204, 163) }
```

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

```
.background{ background-color: rgb(165,  
204, 163) }
```

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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