

Converting Colors

Yxy(53.5717, 0.3133, 0.3822)

Have a look what the booklet for
Yxy(53.5717, 0.3133, 0.3822)
contains.

Yxy(53.5717, 0.3133, 0.3822)	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(53.5717, 0.3133, 0.3822)

Conversions

Conversions Part 1

Format	Color
Hex	A7CBA3
RGB	167, 203, 163
RGB Percent	65%, 80%, 64%
CMY	0.3448, 0.2040, 0.3607
CMYK	0.18, 0.00, 0.20, 0.20
HSL	114°, 28%, 72%
HSV	114°, 20%, 80%
XYZ	43.9142, 53.5717, 42.6808
YIQ	187.6760, -8.6160, -20.0720

Conversions

Conversions Part 2

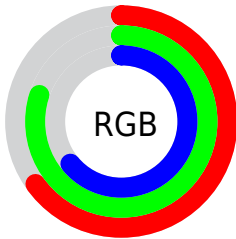
Format	Color
RYB	163, 203, 199
Decimal	10996643
CIELab	78.21, -19.55, 16.06
CIELCh	78, 25.299, 140.586
Yxy	53.5717, 0.3133, 0.3822
Android (android.graphics.Color)	4289186723 (0xFFA7CBA3)
YUV	187.6760, -12.1653, -18.1329
Hunter-Lab	73.1927, -20.9906, 16.6612

Details

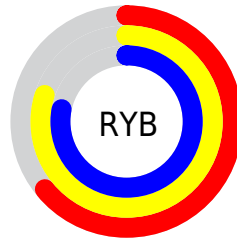
The Yxy color **53.5717, 0.3133, 0.3822** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.6426, 0.3114, 0.2800**, and the grayscale version is **50.1780, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2699, 0.3140, 0.3675**, and **26.2200, 0.3124, 0.3985** is the 20% darker color. If you saturate the color by 10%, you get **51.0543, 0.3132, 0.4137**, and if you desaturate by 10%, it is **56.4907, 0.3131, 0.3536**.

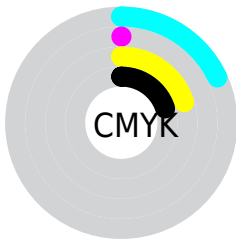
Distribution



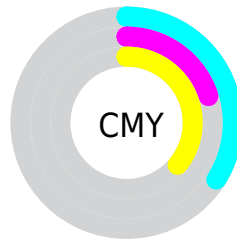
- Red (65%)
- Green (80%)
- Blue (64%)



- Red (64%)
- Yellow (80%)
- Blue (78%)



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





- Cyan (34%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5717, 0.3133, 0.3822 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 53.5717, 0.3133, 0.3822 by changing the saturation by 10% instead.


 53.5717, 0.3133,
0.3822

 53.5717, 0.3133,
0.3822


400.4747, 0.3134,
0.3554

 38.2594, 0.3131,
0.3890


 95.4451, 0.3135,
0.3724

 26.1840, 0.3128,
0.3977


 122.7749, 0.3135,
0.3687

 16.9614, 0.3123,
0.4093


154.8794, 0.3135,
0.3657

 10.2070, 0.3112,
0.4256

192.1428, 0.3135,
0.3630

 5.5364, 0.3091,
0.4500

234.9497, 0.3135,
0.3607

 2.5653, 0.3041,
0.4902

283.6844, 0.3135,

 0.9092, 0.2985,

0.3587

0.7015

338.7312, 0.3135,
0.3570

0.0000, 0.0000,
0.0000

53.5717, 0.3133,
0.3822

53.5717, 0.3133,
0.3822

51.0543, 0.3132,
0.4137

56.4907, 0.3131,
0.3536

48.9143, 0.3128,
0.4476

59.8207, 0.3127,
0.3283

47.1357, 0.3120,
0.4824

63.5790, 0.3122,
0.3060

45.6983, 0.3107,
0.5163

67.7803, 0.3116,
0.2867

44.5801, 0.3089,
0.5468

71.1864, 0.3151,
0.2782

■ 43.7565, 0.3067,
0.5715

■ 43.1993, 0.3043,
0.5885

■ 42.8689, 0.3023,
0.5980

■ 42.8614, 0.3022,
0.5982

Harmonies

Analogous

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



53.5717, 0.3463, 0.3894



53.5717, 0.3133, 0.3822



53.5717, 0.2813, 0.3580

Triad

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



53.5717, 0.3133, 0.3822



53.5717, 0.2565, 0.2783



53.5717, 0.3699, 0.3283

Complementary

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



53.5717, 0.3133, 0.3822



42.6426, 0.3114, 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.



53.5717, 0.3433, 0.3020



53.5717, 0.3133, 0.3822



53.5717, 0.2777, 0.2738

Square

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



53.5717, 0.3133, 0.3822



53.5717, 0.2496, 0.2965



53.5717, 0.3092, 0.2825



53.5717, 0.3801, 0.3560

Rectangle

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



53.5717, 0.3133, 0.3822



53.5717, 0.2646, 0.3366



53.5717, 0.3092, 0.2825



53.5717, 0.3625, 0.3191

Sweetspot

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



53.5740, 0.3133, 0.3822



96.5386, 0.3130, 0.3441



55.8763, 0.3431, 0.3722



20.5860, 0.3130, 0.3458



0.0000, 0.0000, 0.0000



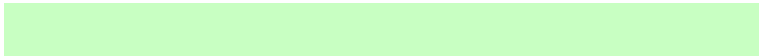
21.4041, 0.3127, 0.3290

Same Dimension

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



53.5740, 0.3133, 0.3822



87.6866, 0.3133, 0.3965



53.7220, 0.2997, 0.3616



12.5905, 0.3131, 0.3528



27.2991, 0.3027, 0.5979



1.4273, 0.3107, 0.5915

Inverse Universe

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



42.6426, 0.3114, 0.2800



65.8160, 0.3109, 0.2682



42.5097, 0.3284, 0.2985



11.3437, 0.3122, 0.3061



9.1274, 0.2957, 0.1403



0.4880, 0.3009, 0.1431

Previews

White Background



This preview shows how the Yxy color 53.5717, 0.3133, 0.3822 looks on a white background.

Color Contrast Check

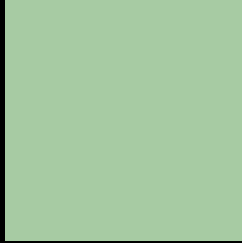
Large Text (above 18pt) WCAG AA × Fail

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 53.5717, 0.3133, 0.3822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

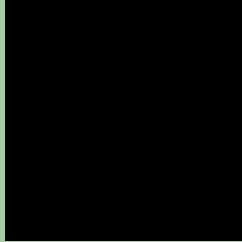
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.5717, 0.3133, 0.3822

Background



This preview shows how black text looks on a background with the Yxy color 53.5717, 0.3133, 0.3822.



This preview shows how white text looks on a background with the Yxy color 53.5717, 0.3133, 0.3822.

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

53.5717, 0.3133, 0.3822

Protanopia

53.4459, 0.3492, 0.3722

Deuteranopia

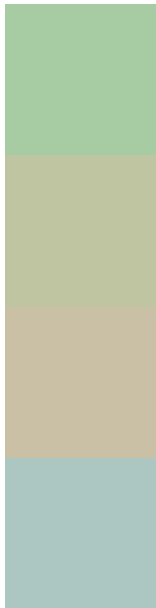
53.2800, 0.3585, 0.3514



Tritanopia

53.3473, 0.2856, 0.3090

Trichromacy



Original Color

53.5717, 0.3133, 0.3822

Protanomaly

53.5469, 0.3356, 0.3760

Deuteranomaly

52.8700, 0.3404, 0.3613

Tritanomaly

53.5125, 0.2956, 0.3354

Monochromacy



Original Color

53.5717, 0.3133, 0.3822

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.0979, 0.3127, 0.3471

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5717, 0.3133, 0.3822 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(167, 203, 163)` looks like.

```
.text, #text, p{  
    color:rgb(167, 203, 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(167, 203, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 203, 163) }
```

Border

The CSS property to change the border of an element to Yxy 53.5717, 0.3133, 0.3822 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(167, 203, 163) }
```

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

```
.border{ border-color:rgb(167, 203, 163) }
```

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

Here you see how a box with a 4 pixel rgb(167, 203, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 203, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 203, 163);  
box-shadow:4px 4px 4px 4px rgb(167, 203,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5717, 0.3133, 0.3822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 203, 163) }
```

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

```
.background{ background-color: rgb(167,  
203, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor