

Converting Colors

Yxy(53.0906, 0.3282, 0.3822)

Have a look what the booklet for
Yxy(53.0906, 0.3282, 0.3822)
contains.

Yxy(53.1392, 0.3285, 0.3823)	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(53.1392, 0.3285, 0.3823)

Conversions

Conversions Part 1

Format	Color
Hex	B5C79E
RGB	181, 199, 158
RGB Percent	71%, 78%, 62%
CMY	0.2900, 0.2196, 0.3804
CMYK	0.09, 0.00, 0.21, 0.22
HSL	86°, 27%, 70%
HSV	86°, 21%, 78%
XYZ	45.6611, 53.1392, 40.1984
YIQ	188.9440, 2.4330, -16.5670

Conversions

Conversions Part 2

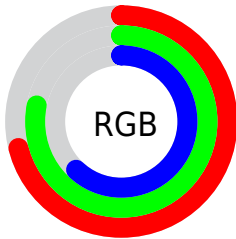
Format	Color
RYB	158, 199, 176
Decimal	11913118
CIELab	77.96, -13.39, 18.52
CIELCh	78, 22.853, 125.870
Yxy	53.1392, 0.3285, 0.3823
Android (android.graphics.Color)	4290103198 (0xFFB5C79E)
YUV	188.9440, -15.2554, -6.9669
Hunter-Lab	72.8966, -15.7601, 18.3325

Details

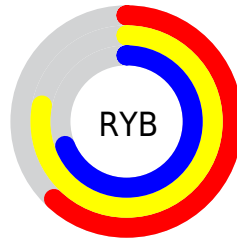
The Yxy color **53.1392, 0.3285, 0.3823** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.8000, 0.2942, 0.2751**, and the grayscale version is **50.9492, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3286, 0.3258, 0.3716**, and **25.8806, 0.3328, 0.3982** is the 20% darker color. If you saturate the color by 10%, you get **51.4906, 0.3358, 0.4106**, and if you desaturate by 10%, it is **54.9692, 0.3209, 0.3554**.

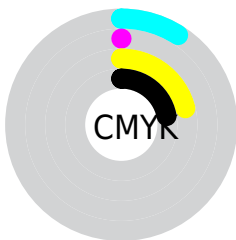
Distribution



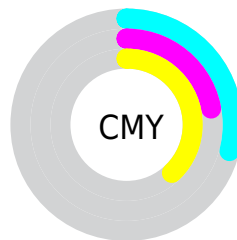
- Red (71%)
- Green (78%)
- Blue (62%)



- Red (62%)
- Yellow (78%)
- Blue (69%)



- Cyan (9%)
- Magenta (0%)
- Yellow (21%)
- Black (22%)





- Cyan (29%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1392, 0.3285, 0.3823 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 53.1392, 0.3285, 0.3823 by changing the saturation by 10% instead.


 53.1392, 0.3285,
0.3823


 53.1392, 0.3285,
0.3823

398.8189, 0.3212,
0.3556

 37.9139, 0.3302,
0.3890


 94.8092, 0.3260,
0.3726

 25.9159, 0.3322,
0.3975

 122.0226, 0.3250,
0.3690

 16.7607, 0.3347,
0.4089

154.0009, 0.3241,
0.3659

 10.0640, 0.3378,
0.4246

191.1285, 0.3234,
0.3632

 5.4414, 0.3417,
0.4479

233.7897, 0.3227,
0.3609

 2.5085, 0.3461,
0.4856

282.3689, 0.3221,

 0.8809, 0.3668,

0.3589

0.6332

337.2505, 0.3216,
0.3572

0.0000, 0.0000,
0.0000

53.1392, 0.3285,
0.3823

53.1392, 0.3285,
0.3823

51.4906, 0.3358,
0.4106

54.9692, 0.3209,
0.3554

50.0099, 0.3423,
0.4396

56.9797, 0.3132,
0.3304

48.6924, 0.3477,
0.4684


59.1789, 0.3056,
0.3075


47.5306, 0.3514,
0.4955


61.5722, 0.2984,
0.2867


46.5160, 0.3531,
0.5197


64.0031, 0.2932,
0.2704


 45.6393, 0.3525,
0.5397


 65.4348, 0.2994,
0.2715

 44.8896, 0.3495,
0.5544

 66.9388, 0.3057,
0.2726

 44.2824, 0.3452,
0.5641

 68.5161, 0.3121,
0.2737

 69.3220, 0.3153,
0.2742

Harmonies

Analogous

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



53.1392, 0.3557, 0.3808



53.1392, 0.3285, 0.3823



53.1392, 0.2979, 0.3674

Triad

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



53.1392, 0.3285, 0.3823



53.1392, 0.2567, 0.2897



53.1392, 0.3541, 0.3162

Complementary

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



53.1392, 0.3285, 0.3823



37.8000, 0.2942, 0.2751

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.



53.1392, 0.3256, 0.2947



53.1392, 0.3285, 0.3823



53.1392, 0.2700, 0.2792

Square

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



53.1392, 0.3285, 0.3823



53.1392, 0.2575, 0.3117



53.1392, 0.2948, 0.2813



53.1392, 0.3713, 0.3416

Rectangle

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



53.1392, 0.3285, 0.3823



53.1392, 0.2798, 0.3503



53.1392, 0.2948, 0.2813



53.1392, 0.3455, 0.3084

Sweetspot

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



53.1415, 0.3285, 0.3823



97.8060, 0.3174, 0.3439



45.5674, 0.3490, 0.3518



20.8849, 0.3179, 0.3456



0.0000, 0.0000, 0.0000



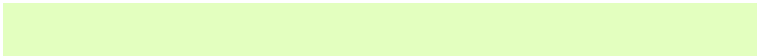
21.4041, 0.3127, 0.3290

Same Dimension

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



53.1415, 0.3285, 0.3823



91.6414, 0.3320, 0.3957



50.8603, 0.3122, 0.3850



12.1772, 0.3199, 0.3523



28.5306, 0.3461, 0.5634



1.3932, 0.3610, 0.5515

Inverse Universe

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



37.8000, 0.2942, 0.2751



59.6725, 0.2890, 0.2614



40.3479, 0.3126, 0.2780



10.5107, 0.3050, 0.3056



4.0062, 0.1917, 0.0830



0.2324, 0.2157, 0.0962

Previews

White Background



This preview shows how the Yxy color 53.1392, 0.3285, 0.3823 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 53.1392, 0.3285, 0.3823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

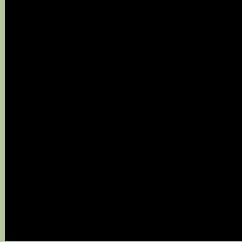
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

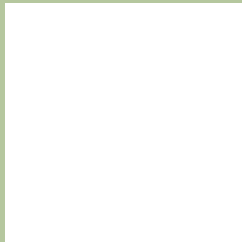
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.1392, 0.3285, 0.3823

Background



This preview shows how black text looks on a background with the Yxy color 53.1392, 0.3285, 0.3823.



This preview shows how white text looks on a background with the Yxy color 53.1392, 0.3285, 0.3823.

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

53.1392, 0.3285, 0.3823

Protanopia

52.9032, 0.3518, 0.3747

Deuteranopia

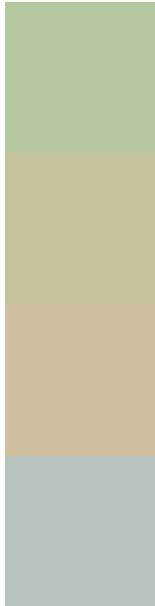
52.8007, 0.3648, 0.3573



Tritanopia

52.8956, 0.2986, 0.3106

Trichromacy



Original Color

53.1392, 0.3285, 0.3823

Protanomaly

53.1663, 0.3433, 0.3781

Deuteranomaly

52.6304, 0.3509, 0.3658

Tritanomaly

53.0186, 0.3092, 0.3365

Monochromacy



Original Color

53.1392, 0.3285, 0.3823

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.7934, 0.3183, 0.3481

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1392, 0.3285, 0.3823 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(181, 199, 158)` looks like.

```
.text, #text, p{  
    color:rgb(181, 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(181, 199, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 199, 158) }
```

Border

The CSS property to change the border of an element to Yxy 53.1392, 0.3285, 0.3823 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(181, 199, 158) }
```

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

```
.border{ border-color:rgb(181, 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(181, 199, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 199, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 199, 158);  
box-shadow:4px 4px 4px 4px rgb(181, 199,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1392, 0.3285, 0.3823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 199, 158) }
```

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

```
.background{ background-color: rgb(181,  
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](#).

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