

Converting Colors

$Yxy(53.3009, 0.3309, 0.3861)$

Have a look what the booklet for
Yxy(53.3009, 0.3309, 0.3861)
contains.

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Color

Yxy(53.1585, 0.3315, 0.3862)

Conversions

Conversions Part 1

Format	Color
Hex	B6C79B
RGB	182, 199, 155
RGB Percent	71%, 78%, 61%
CMY	0.2863, 0.2196, 0.3922
CMYK	0.09, 0.00, 0.22, 0.22
HSL	83°, 28%, 69%
HSV	83°, 22%, 78%
XYZ	45.6293, 53.1585, 38.8572
YIQ	188.9010, 3.9920, -17.2880

Conversions

Conversions Part 2

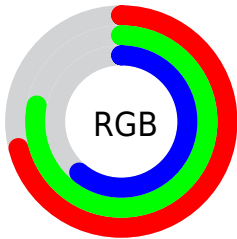
Format	Color
RYB	155, 199, 172
Decimal	11978651
CIELab	77.97, -13.53, 20.15
CIELCh	78, 24.273, 123.878
Yxy	53.1585, 0.3315, 0.3862
Android (android.graphics.Color)	4290168731 (0xFFB6C79B)
YUV	188.9010, -16.7132, -6.0522
Hunter-Lab	72.9099, -15.8813, 19.4384

Details

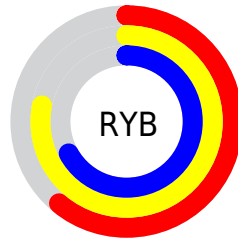
The Yxy color **53.1585, 0.3315, 0.3862** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.3301, 0.2906, 0.2704**, and the grayscale version is **50.9251, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3503, 0.3282, 0.3747**, and **25.9174, 0.3358, 0.4015** is the 20% darker color. If you saturate the color by 10%, you get **51.6358, 0.3396, 0.4142**, and if you desaturate by 10%, it is **54.8474, 0.3230, 0.3593**.

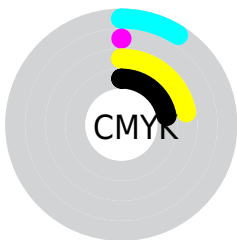
Distribution



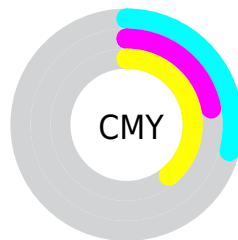
- Red (71%)
- Green (78%)
- Blue (61%)



- Red (61%)
- Yellow (78%)
- Blue (67%)



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





- Cyan (29%)
- Magenta (22%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1585, 0.3315, 0.3862 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 53.1585, 0.3315, 0.3862 by changing the saturation by 10% instead.


 53.1585, 0.3315,
0.3862

 53.1585, 0.3315,
0.3862

398.8929, 0.3227,
0.3575

 37.9293, 0.3335,
0.3933


 94.8376, 0.3285,
0.3758

 25.9278, 0.3359,
0.4025

 122.0562, 0.3273,
0.3719

 16.7697, 0.3389,
0.4146


154.0402, 0.3263,
0.3686

 10.0704, 0.3426,
0.4315

191.1738, 0.3254,
0.3657

 5.4457, 0.3472,
0.4562

233.8415, 0.3246,
0.3633

 2.5110, 0.3532,
0.4970

282.4276, 0.3239,

 0.8822, 0.3655,

0.3611

0.6345

337.3167, 0.3233,
0.3592

0.0000, 0.0000,
0.0000

53.1585, 0.3315,
0.3862

53.1585, 0.3315,
0.3862

51.6358, 0.3396,
0.4142

54.8474, 0.3230,
0.3593

50.2662, 0.3469,
0.4427

56.7014, 0.3145,
0.3341

49.0453, 0.3529,
0.4704


58.7284, 0.3062,
0.3108

47.9658, 0.3571,
0.4963


60.9335, 0.2981,
0.2896

47.0197, 0.3593,
0.5190


63.3216, 0.2906,
0.2704


 46.1978, 0.3590,
0.5372


 64.5854, 0.2957,
0.2709

 45.4894, 0.3563,
0.5505

 65.8720, 0.3012,
0.2718

 44.9964, 0.3530,
0.5579

 67.2153, 0.3068,
0.2728

 68.6159, 0.3125,
0.2737

Harmonies

Analogous

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



53.1585, 0.3599, 0.3833



53.1585, 0.3315, 0.3862



53.1585, 0.2990, 0.3714

Triad

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



53.1585, 0.3315, 0.3862



53.1585, 0.2530, 0.2884



53.1585, 0.3549, 0.3137

Complementary

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



53.1585, 0.3315, 0.3862



36.3301, 0.2906, 0.2704

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.



53.1585, 0.3242, 0.2914



53.1585, 0.3315, 0.3862



53.1585, 0.2661, 0.2766

Square

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



53.1585, 0.3315, 0.3862



53.1585, 0.2548, 0.3124



53.1585, 0.2916, 0.2780



53.1585, 0.3743, 0.3404

Rectangle

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



53.1585, 0.3315, 0.3862



53.1585, 0.2795, 0.3536



53.1585, 0.2916, 0.2780



53.1585, 0.3455, 0.3056

Sweetspot

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



53.1608, 0.3315, 0.3862



97.6186, 0.3187, 0.3464



43.9601, 0.3527, 0.3508



20.8520, 0.3193, 0.3480



0.0000, 0.0000, 0.0000



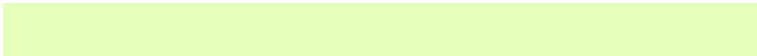
21.4041, 0.3127, 0.3290

Same Dimension

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



53.1608, 0.3315, 0.3862



91.6309, 0.3358, 0.4009



50.7018, 0.3138, 0.3894



12.2045, 0.3207, 0.3522



28.9831, 0.3539, 0.5572



1.4132, 0.3675, 0.5464

Inverse Universe

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



36.3301, 0.2906, 0.2704



56.5099, 0.2842, 0.2549



39.0127, 0.3105, 0.2738



10.4839, 0.3042, 0.3055



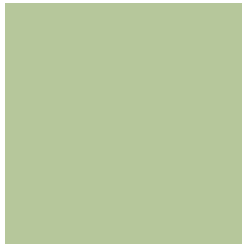
3.7101, 0.1832, 0.0783



0.2173, 0.2075, 0.0917

Previews

White Background



This preview shows how the Yxy color 53.1585, 0.3315, 0.3862 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 53.1585, 0.3315, 0.3862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

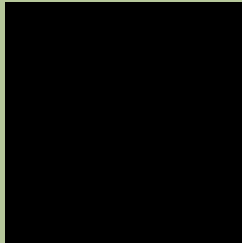
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

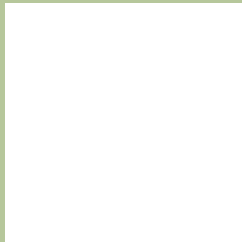
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.1585, 0.3315, 0.3862

Background



This preview shows how black text looks on a background with the Yxy color 53.1585, 0.3315, 0.3862.



This preview shows how white text looks on a background with the Yxy color 53.1585, 0.3315, 0.3862.

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

53.1585, 0.3315, 0.3862

Protanopia

52.9454, 0.3551, 0.3783

Deuteranopia

52.8545, 0.3682, 0.3608



Tritanopia

53.1514, 0.3001, 0.3107

Trichromacy



Original Color

53.1585, 0.3315, 0.3862

Protanomaly

53.2004, 0.3465, 0.3818

Deuteranomaly

52.6711, 0.3543, 0.3694

Tritanomaly

53.2258, 0.3115, 0.3378

Monochromacy



Original Color

53.1585, 0.3315, 0.3862

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.7534, 0.3191, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1585, 0.3315, 0.3862 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(182, 199, 155)` looks like.

```
.text, #text, p{  
    color:rgb(182, 199, 155)  
}
```

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(182, 199, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 199, 155) }
```

Border

The CSS property to change the border of an element to Yxy 53.1585, 0.3315, 0.3862 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(182, 199, 155) }
```

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

```
.border{ border-color:rgb(182, 199, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 199, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 199, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 199, 155);  
box-shadow:4px 4px 4px 4px rgb(182, 199,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1585, 0.3315, 0.3862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 199, 155) }
```

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

```
.background{ background-color: rgb(182,  
199, 155) }
```

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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