

Converting Colors

$Yxy(55.0877, 0.3325, 0.3916)$

Have a look what the booklet for
Yxy(55.0877, 0.3325, 0.3916)
contains.

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Color

Yxy(55.1122, 0.3323, 0.3920)

Conversions

Conversions Part 1

Format	Color
Hex	B7CB9A
RGB	183, 203, 154
RGB Percent	72%, 80%, 60%
CMY	0.2824, 0.2039, 0.3959
CMYK	0.10, 0.00, 0.24, 0.20
HSL	85°, 32%, 70%
HSV	85°, 24%, 80%
XYZ	46.7188, 55.1122, 38.7613
YIQ	191.4340, 3.8090, -19.4790

Conversions

Conversions Part 2

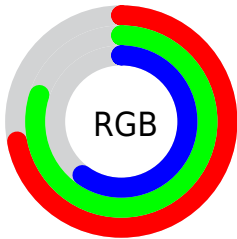
Format	Color
RYB	154, 203, 174
Decimal	12045210
CIELab	79.11, -15.34, 22.23
CIELCh	79, 27.010, 124.610
Yxy	55.1122, 0.3323, 0.3920
Android (android.graphics.Color)	4290235290 (0xFFB7CB9A)
YUV	191.4340, -18.4550, -7.3966
Hunter-Lab	74.2376, -17.5830, 21.0095

Details

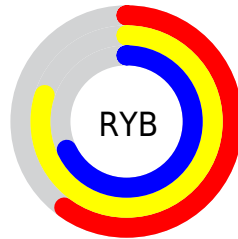
The Yxy color **55.1122, 0.3323, 0.3920** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.4375, 0.2891, 0.2647**, and the grayscale version is **52.4754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4742, 0.3294, 0.3756**, and **27.2200, 0.3367, 0.4092** is the 20% darker color. If you saturate the color by 10%, you get **53.5070, 0.3399, 0.4204**, and if you desaturate by 10%, it is **56.8965, 0.3243, 0.3647**.

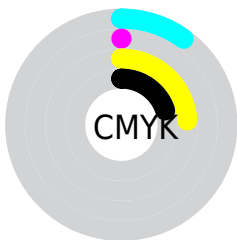
Distribution



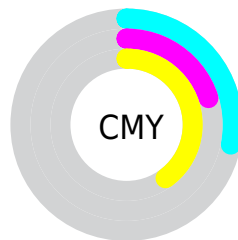
- Red (72%)
- Green (80%)
- Blue (60%)



- Red (60%)
- Yellow (80%)
- Blue (68%)



- Cyan (10%)
- Magenta (0%)
- Yellow (24%)
- Black (20%)





- Cyan (28%)
- Magenta (20%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1122, 0.3323, 0.3920 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 55.1122, 0.3323, 0.3920 by changing the saturation by 10% instead.

 55.1122, 0.3323,
0.3920

 55.1122, 0.3323,
0.3920

406.3371, 0.3233,
0.3606

 39.4916, 0.3343,
0.3998


 97.7053, 0.3292,
0.3806

 27.1423, 0.3367,
0.4098


 125.4466, 0.3280,
0.3763

 17.6802, 0.3396,
0.4229


157.9969, 0.3270,
0.3727

 10.7206, 0.3431,
0.4410

195.7406, 0.3260,
0.3696

 5.8793, 0.3472,
0.4674

239.0620, 0.3252,
0.3669

 2.7718, 0.3519,
0.5102

288.3457, 0.3245,

 1.0138, 0.3654,

0.3645

0.6346

343.9759, 0.3239,
0.3624

0.0000, 0.0000,
0.0000

55.1122, 0.3323,
0.3920

55.1122, 0.3323,
0.3920

53.5070, 0.3399,
0.4204

56.8965, 0.3243,
0.3647

52.0670, 0.3466,
0.4491

58.8591, 0.3161,
0.3390

50.7872, 0.3519,
0.4770


61.0084, 0.3080,
0.3153


49.6597, 0.3554,
0.5028

63.3500, 0.3002,
0.2937


48.6756, 0.3567,
0.5251


65.8548, 0.2932,
0.2747


 47.8250, 0.3556,
0.5427


 67.2160, 0.2990,
0.2756

 47.0957, 0.3521,
0.5552

 68.6428, 0.3050,
0.2766

 46.7116, 0.3495,
0.5607

 70.1361, 0.3110,
0.2775

 71.1933, 0.3151,
0.2782

Harmonies

Analogous

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



55.1122, 0.3638, 0.3889



55.1122, 0.3323, 0.3920



55.1122, 0.2967, 0.3753

Triad

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



55.1122, 0.3323, 0.3920



55.1122, 0.2476, 0.2838



55.1122, 0.3599, 0.3128

Complementary

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



55.1122, 0.3323, 0.3920



36.4375, 0.2891, 0.2647

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.



55.1122, 0.3261, 0.2885



55.1122, 0.3323, 0.3920



55.1122, 0.2621, 0.2715

Square

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



55.1122, 0.3323, 0.3920



55.1122, 0.2491, 0.3098



55.1122, 0.2903, 0.2736



55.1122, 0.3808, 0.3419

Rectangle

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



55.1122, 0.3323, 0.3920



55.1122, 0.2755, 0.3553



55.1122, 0.2903, 0.2736



55.1122, 0.3495, 0.3039

Sweetspot

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



55.1146, 0.3323, 0.3920



97.5463, 0.3185, 0.3464



45.1573, 0.3568, 0.3539



20.8352, 0.3190, 0.3480



0.0000, 0.0000, 0.0000



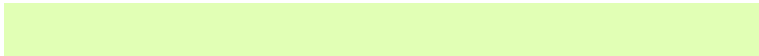
21.4041, 0.3127, 0.3290

Same Dimension

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



55.1146, 0.3323, 0.3920



90.8321, 0.3364, 0.4069



52.4114, 0.3133, 0.3958



12.8594, 0.3204, 0.3523



29.7804, 0.3504, 0.5600



1.5800, 0.3637, 0.5494

Inverse Universe

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



36.4375, 0.2891, 0.2647



54.1754, 0.2828, 0.2491



39.4546, 0.3110, 0.2687



11.0640, 0.3045, 0.3055



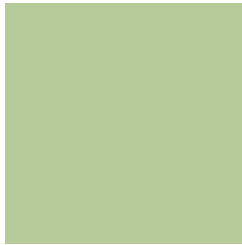
3.9626, 0.1866, 0.0802



0.2485, 0.2092, 0.0926

Previews

White Background



This preview shows how the Yxy color 55.1122, 0.3323, 0.3920 looks on a white background.

Color Contrast Check

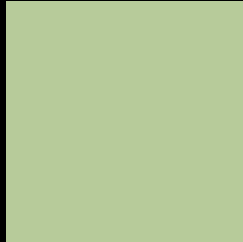
Large Text (above 18pt) WCAG AA × Fail

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 55.1122, 0.3323, 0.3920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

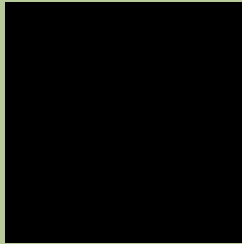
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.1122, 0.3323, 0.3920

Background



This preview shows how black text looks on a background with the Yxy color 55.1122, 0.3323, 0.3920.



This preview shows how white text looks on a background with the Yxy color 55.1122, 0.3323, 0.3920.

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

55.1122, 0.3323, 0.3920

Protanopia

54.7875, 0.3593, 0.3836

Deuteranopia

54.8947, 0.3725, 0.3648



Tritanopia

54.8097, 0.2981, 0.3097

Trichromacy



Original Color

55.1122, 0.3323, 0.3920

Protanomaly

54.9019, 0.3499, 0.3873

Deuteranomaly

54.5373, 0.3577, 0.3736

Tritanomaly

54.7972, 0.3107, 0.3389

Monochromacy



Original Color

55.1122, 0.3323, 0.3920

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.9359, 0.3198, 0.3505

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1122, 0.3323, 0.3920 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(183, 203, 154)` looks like.

```
.text, #text, p{  
    color:rgb(183, 203, 154)  
}
```

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(183, 203, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 203, 154) }
```

Border

The CSS property to change the border of an element to Yxy 55.1122, 0.3323, 0.3920 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(183, 203, 154) }
```

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

```
.border{ border-color:rgb(183, 203, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 203, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 203, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 203, 154);  
box-shadow:4px 4px 4px 4px rgb(183, 203,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1122, 0.3323, 0.3920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 203, 154) }
```

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

```
.background{ background-color: rgb(183,  
203, 154) }
```

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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