

Converting Colors

$Yxy(55.1694, 0.3307, 0.4134)$

Have a look what the booklet for
Yxy(55.1694, 0.3307, 0.4134)
contains.

Yxy(55.3795, 0.3305, 0.4133)	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(55.3795, 0.3305, 0.4133)

Conversions

Conversions Part 1

Format	Color
Hex	ACCF8F
RGB	172, 207, 143
RGB Percent	67%, 81%, 56%
CMY	0.3254, 0.1882, 0.4393
CMYK	0.17, 0.00, 0.31, 0.19
HSL	93°, 40%, 69%
HSV	93°, 31%, 81%
XYZ	44.2848, 55.3795, 34.3291
YIQ	189.2390, -0.3160, -27.3240

Conversions

Conversions Part 2

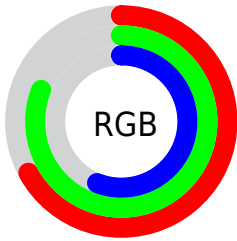
Format	Color
RYB	143, 207, 178
Decimal	11325327
CIELab	79.26, -22.98, 28.12
CIELCh	79, 36.312, 129.257
Yxy	55.3795, 0.3305, 0.4133
Android (android.graphics.Color)	4289515407 (0xFFACCF8F)
YUV	189.2390, -22.7958, -15.1186
Hunter-Lab	74.4174, -24.0074, 24.7414

Details

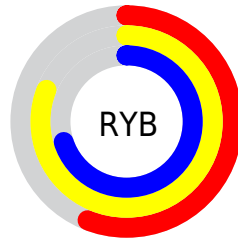
The Yxy color **55.3795, 0.3305, 0.4133** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.6007, 0.2889, 0.2462**, and the grayscale version is **51.1675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0452, 0.3293, 0.3894**, and **27.4771, 0.3336, 0.4380** is the 20% darker color. If you saturate the color by 10%, you get **53.5856, 0.3352, 0.4437**, and if you desaturate by 10%, it is **57.4029, 0.3251, 0.3840**.

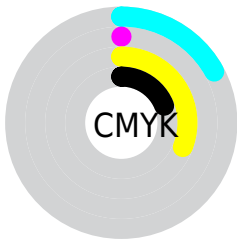
Distribution



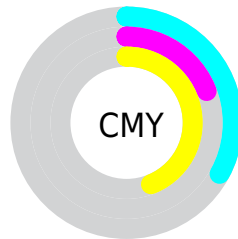
- Red (67%)
- Green (81%)
- Blue (56%)



- Red (56%)
- Yellow (81%)
- Blue (70%)



- Cyan (17%)
- Magenta (0%)
- Yellow (31%)
- Black (19%)





- Cyan (33%)
- Magenta (19%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.3795, 0.3305, 0.4133 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 55.3795, 0.3305, 0.4133 by changing the saturation by 10% instead.


 55.3795, 0.3305,
0.4133


 55.3795, 0.3305,
0.4133


407.3489, 0.3229,
0.3708

 39.7056, 0.3320,
0.4239


 98.0968, 0.3281,
0.3978

 27.3091, 0.3336,
0.4375


 125.9090, 0.3270,
0.3920

 17.8055, 0.3352,
0.4555


158.5360, 0.3262,
0.3871

 10.8104, 0.3367,
0.4802

196.3624, 0.3254,
0.3829

 5.9395, 0.3368,
0.5161

239.7725, 0.3246,
0.3793

 2.8083, 0.3403,
0.5855

289.1507, 0.3240,

 1.0325, 0.2859,

0.3761

0.7141

344.8813, 0.3234,
0.3733

0.0000, 0.0000,
0.0000

55.3795, 0.3305,
0.4133

55.3795, 0.3305,
0.4133

53.5856, 0.3352,
0.4437

57.4029, 0.3251,
0.3840

52.0048, 0.3387,
0.4741

59.6571, 0.3192,
0.3565

50.6299, 0.3407,
0.5031


62.1525, 0.3133,
0.3312

49.4500, 0.3408,
0.5291


64.8966, 0.3074,
0.3083


48.4533, 0.3388,
0.5505


67.8967, 0.3017,
0.2877

 47.6258, 0.3348,
0.5663

 70.3507, 0.3041,
0.2805

 47.0016, 0.3300,
0.5762

 72.3910, 0.3122,
0.2817

 73.1070, 0.3149,
0.2821

Harmonies

Analogous

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



55.3795, 0.3746, 0.4114



55.3795, 0.3305, 0.4133



55.3795, 0.2837, 0.3867

Triad

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



55.3795, 0.3305, 0.4133



55.3795, 0.2287, 0.2647



55.3795, 0.3820, 0.3127

Complementary

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



55.3795, 0.3305, 0.4133



33.6007, 0.2889, 0.2462

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.



55.3795, 0.3378, 0.2800



55.3795, 0.3305, 0.4133



55.3795, 0.2504, 0.2525

Square

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



55.3795, 0.3305, 0.4133



55.3795, 0.2272, 0.2958



55.3795, 0.2893, 0.2585



55.3795, 0.4065, 0.3506

Rectangle

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



55.3795, 0.3305, 0.4133



55.3795, 0.2572, 0.3572



55.3795, 0.2893, 0.2585



55.3795, 0.3687, 0.3009

Sweetspot

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



55.3819, 0.3305, 0.4133



96.3079, 0.3182, 0.3518



46.7401, 0.3693, 0.3718



20.4926, 0.3190, 0.3556



0.0000, 0.0000, 0.0000



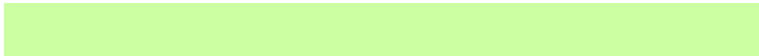
21.4041, 0.3127, 0.3290

Same Dimension

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



55.3819, 0.3305, 0.4133



86.8407, 0.3337, 0.4330



52.5115, 0.3071, 0.4161



13.4651, 0.3183, 0.3525



29.6669, 0.3310, 0.5754



1.7056, 0.3455, 0.5639

Inverse Universe

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



33.6007, 0.2889, 0.2462



46.6143, 0.2825, 0.2273



37.3031, 0.3183, 0.2550



11.7314, 0.3066, 0.3056



5.1113, 0.2123, 0.0943



0.3326, 0.2314, 0.1049

Previews

White Background



This preview shows how the Yxy color 55.3795, 0.3305, 0.4133 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 55.3795, 0.3305, 0.4133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

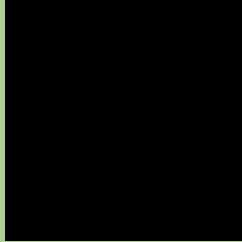
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.3795, 0.3305, 0.4133

Background



This preview shows how black text looks on a background with the Yxy color 55.3795, 0.3305, 0.4133.



This preview shows how white text looks on a background with the Yxy color 55.3795, 0.3305, 0.4133.

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

55.3795, 0.3305, 0.4133

Protanopia

55.1637, 0.3700, 0.3987

Deuteranopia

55.0619, 0.3836, 0.3758



Tritanopia

55.3105, 0.2902, 0.3095

Trichromacy



Original Color

55.3795, 0.3305, 0.4133

Protanomaly

55.0723, 0.3550, 0.4038

Deuteranomaly

54.8072, 0.3633, 0.3883

Tritanomaly

54.9878, 0.3050, 0.3455

Monochromacy



Original Color

55.3795, 0.3305, 0.4133

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

52.5257, 0.3201, 0.3599

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3795, 0.3305, 0.4133 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(172, 207, 143)` looks like.

```
.text, #text, p{  
    color:rgb(172, 207, 143)  
}
```

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(172, 207, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 207, 143) }
```

Border

The CSS property to change the border of an element to Yxy 55.3795, 0.3305, 0.4133 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(172, 207, 143) }
```

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

```
.border{ border-color:rgb(172, 207, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 207, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 207, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 207, 143);  
box-shadow:4px 4px 4px 4px rgb(172, 207,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3795, 0.3305, 0.4133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 207, 143) }
```

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

```
.background{ background-color: rgb(172,  
207, 143) }
```

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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