

Converting Colors

$Yxy(55.4411, 0.3555, 0.3989)$

Have a look what the booklet for
Yxy(55.4411, 0.3555, 0.3989)
contains.

Yxy(55.5711, 0.3553, 0.3995)	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(55.5711, 0.3553, 0.3995)

Conversions

Conversions Part 1

Format	Color
Hex	C8C88F
RGB	200, 200, 143
RGB Percent	78%, 78%, 56%
CMY	0.2159, 0.2156, 0.4392
CMYK	0.00, 0.00, 0.29, 0.22
HSL	60°, 34%, 67%
HSV	60°, 29%, 78%
XYZ	49.4228, 55.5711, 34.1077
YIQ	193.5020, 18.2970, -17.7270

Conversions

Conversions Part 2

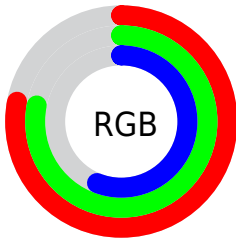
Format	Color
R_{YB}	143, 200, 143
Decimal	13158543
CIE _{Lab}	79.37, -9.01, 28.60
CIE _{LCh}	79, 29.984, 107.478
Yxy	55.5711, 0.3553, 0.3995
Android (android.graphics.Color)	4291348623 (0xFFC8C88F)
YUV	193.5020, -24.8975, 5.6987
Hunter-Lab	74.5460, -12.1129, 25.0547

Details

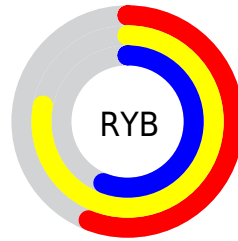
The Yxy color **55.5711, 0.3553, 0.3995** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.6616, 0.2633, 0.2473**, and the grayscale version is **53.7787, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8112, 0.3472, 0.3860**, and **27.3502, 0.3653, 0.4183** is the 20% darker color. If you saturate the color by 10%, you get **55.0174, 0.3698, 0.4236**, and if you desaturate by 10%, it is **56.2379, 0.3402, 0.3746**.

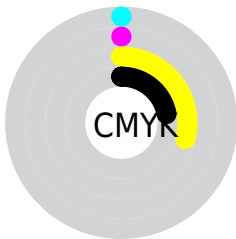
Distribution



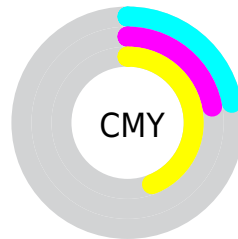
- Red (78%)
- Green (78%)
- Blue (56%)



- Red (56%)
- Yellow (78%)
- Blue (56%)



- Cyan (0%)
- Magenta (0%)
- Yellow (29%)
- Black (22%)





- Cyan (22%)
- Magenta (22%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5711, 0.3553, 0.3995 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 55.5711, 0.3553, 0.3995 by changing the saturation by 10% instead.

 55.5711, 0.3553,
0.3995

 55.5711, 0.3553,
0.3995


408.0731, 0.3352,
0.3649

 39.8592, 0.3599,
0.4079

 98.3772, 0.3483,
0.3871

 27.4287, 0.3655,
0.4184

 126.2401, 0.3456,
0.3824

 17.8955, 0.3725,
0.4320


158.9222, 0.3433,
0.3784

 10.8750, 0.3813,
0.4502

196.8078, 0.3412,
0.3749

 5.9828, 0.3923,
0.4755

240.2813, 0.3394,
0.3719

 2.8346, 0.4145,
0.5235

289.7271, 0.3379,

 1.0460, 0.4227,

0.3693

0.5773

345.5296, 0.3365,
0.3670

0.0000, 0.0000,
0.0000

55.5711, 0.3553,
0.3995

55.5711, 0.3553,
0.3995

55.0174, 0.3698,
0.4236

56.2379, 0.3402,
0.3746

54.5636, 0.3833,
0.4459

57.0155, 0.3252,
0.3497

54.2058, 0.3952,
0.4655

57.9116, 0.3106,
0.3254

53.9371, 0.4048,
0.4816

58.9306, 0.2966,
0.3024

53.7497, 0.4120,
0.4935

60.0772, 0.2836,
0.2808

■ 53.6341, 0.4166,
0.5011

■ 60.8285, 0.2762,
0.2686

■ 53.5758, 0.4189,
0.5049

■ 60.8315, 0.2763,
0.2686

■ 53.5688, 0.4191,
0.5054

■ 60.8345, 0.2763,
0.2686

■ 60.8375, 0.2763,
0.2686

Harmonies

Analogous

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



55.5711, 0.3830, 0.3845



55.5711, 0.3553, 0.3995



55.5711, 0.3171, 0.3938

Triad

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



55.5711, 0.3553, 0.3995



55.5711, 0.2398, 0.2936



55.5711, 0.3445, 0.2949

Complementary

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



55.5711, 0.3553, 0.3995



29.6616, 0.2633, 0.2473

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.



55.5711, 0.3043, 0.2736



55.5711, 0.3553, 0.3995



55.5711, 0.2458, 0.2713

Square

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



55.5711, 0.3553, 0.3995



55.5711, 0.2516, 0.3286



55.5711, 0.2686, 0.2648



55.5711, 0.3773, 0.3244

Rectangle

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



55.5711, 0.3553, 0.3995



55.5711, 0.2912, 0.3778



55.5711, 0.2686, 0.2648



55.5711, 0.3313, 0.2866

Sweetspot

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



55.5736, 0.3553, 0.3995



98.6043, 0.3261, 0.3512



33.9104, 0.3748, 0.3292



21.0605, 0.3283, 0.3549



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.



55.5736, 0.3553, 0.3995



95.6003, 0.3641, 0.4141



52.0156, 0.3314, 0.4053



12.4164, 0.3265, 0.3518



34.0542, 0.4191, 0.5054



1.6127, 0.4192, 0.5054

Inverse Universe

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



29.6616, 0.2633, 0.2473



43.7044, 0.2511, 0.2270



32.5315, 0.2888, 0.2528



10.2880, 0.2983, 0.3051



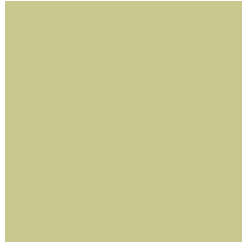
2.6527, 0.1501, 0.0600



0.1258, 0.1502, 0.0601

Previews

White Background



This preview shows how the Yxy color 55.5711, 0.3553, 0.3995 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 55.5711, 0.3553, 0.3995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

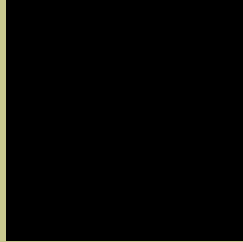
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

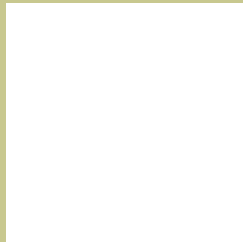
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.5711, 0.3553, 0.3995

Background



This preview shows how black text looks on a background with the Yxy color 55.5711, 0.3553, 0.3995.



This preview shows how white text looks on a background with the Yxy color 55.5711, 0.3553, 0.3995.

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

55.5711, 0.3553, 0.3995

Protanopia

55.2518, 0.3677, 0.3952

Deuteranopia

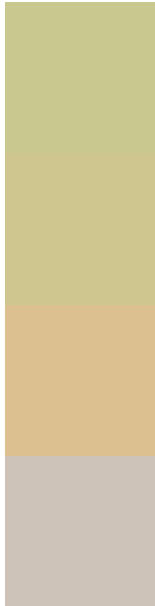
55.1666, 0.3861, 0.3778



Tritanopia

55.6142, 0.3143, 0.3115

Trichromacy



Original Color

55.5711, 0.3553, 0.3995

Protanomaly

55.1509, 0.3631, 0.3959

Deuteranomaly

54.9285, 0.3747, 0.3855

Tritanomaly

55.4700, 0.3292, 0.3423

Monochromacy



Original Color

55.5711, 0.3553, 0.3995

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.3108, 0.3285, 0.3551

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5711, 0.3553, 0.3995 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(200, 200, 143)` looks like.

```
.text, #text, p{  
    color:rgb(200, 200, 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(200, 200, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 200, 143) }
```

Border

The CSS property to change the border of an element to Yxy 55.5711, 0.3553, 0.3995 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(200, 200, 143) }
```

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

```
.border{ border-color:rgb(200, 200, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 200, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 200, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 200, 143);  
box-shadow:4px 4px 4px 4px rgb(200, 200,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5711, 0.3553, 0.3995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 200, 143) }
```

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

```
.background{ background-color: rgb(200,  
200, 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](#).

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