

Converting Colors

Yxy(55.6952, 0.3546, 0.3499)

Have a look what the booklet for
Yxy(55.6952, 0.3546, 0.3499)
contains.

Yxy(55.4934, 0.3550, 0.3500)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.4934, 0.3550, 0.3500)

Conversions

Conversions Part 1

Format	Color
Hex	DFBEAC
RGB	223, 190, 172
RGB Percent	87%, 75%, 67%
CMY	0.1256, 0.2548, 0.3255
CMYK	0.00, 0.15, 0.23, 0.13
HSL	21°, 44%, 77%
HSV	21°, 23%, 87%
XYZ	56.2862, 55.4934, 46.7730
YIQ	197.8150, 25.4460, 1.3980

Conversions

Conversions Part 2

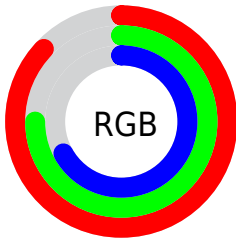
Format	Color
R_{YB}	223, 200, 172
Decimal	14663340
CIE _{Lab}	79.32, 9.00, 13.45
CIE _{LCh}	79, 16.179, 56.212
Yxy	55.4934, 0.3550, 0.3500
Android (android.graphics.Color)	4292853420 (0xFFDFBEAC)
YUV	197.8150, -12.7268, 22.0872
Hunter-Lab	74.4939, 4.5069, 14.9189

Details

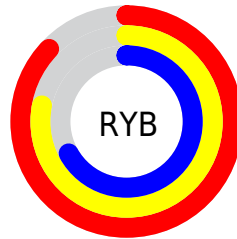
The Yxy color **55.4934, 0.3550, 0.3500** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.7427, 0.2773, 0.3070**, and the grayscale version is **56.4210, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7176, 0.3302, 0.3476**, and **27.4629, 0.3657, 0.3552** is the 20% darker color. If you saturate the color by 10%, you get **48.7691, 0.3788, 0.3598**, and if you desaturate by 10%, it is **62.9845, 0.3346, 0.3405**.

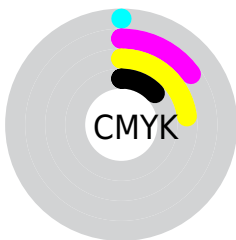
Distribution



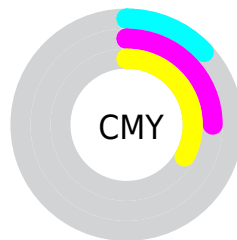
- Red (87%)
- Green (75%)
- Blue (67%)



- Red (87%)
- Yellow (78%)
- Blue (67%)



- Cyan (0%)
- Magenta (15%)
- Yellow (23%)
- Black (13%)





- Cyan (13%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.4934, 0.3550, 0.3500 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 55.4934, 0.3550, 0.3500 by changing the saturation by 10% instead.

 55.4934, 0.3550,
0.3500

 55.4934, 0.3550,
0.3500


407.7795, 0.3343,
0.3401

 39.7969, 0.3600,
0.3523


 98.2635, 0.3476,
0.3466

 27.3802, 0.3664,
0.3551


126.1059, 0.3448,
0.3452

 17.8590, 0.3746,
0.3587


158.7656, 0.3424,
0.3441

 10.8488, 0.3859,
0.3633

196.6272, 0.3403,
0.3431

 5.9653, 0.4021,
0.3696

240.0750, 0.3385,
0.3422

 2.8240, 0.4270,
0.3782

289.4934, 0.3370,

 1.0405, 0.5060,

0.3414

0.4198

345.2668, 0.3356,
0.3407

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.4934, 0.3550,
0.3500

55.4934, 0.3550,
0.3500

48.7691, 0.3788,
0.3598

62.9845, 0.3346,
0.3405

42.7789, 0.4063,
0.3693

71.2585, 0.3172,
0.3315

37.4989, 0.4372,
0.3779

80.3407, 0.3024,
0.3231

32.9009, 0.4708,
0.3846

89.8476, 0.2933,
0.3215

■ 28.9545, 0.5055,
0.3880

■ 94.4247, 0.2934,
0.3289

■ 25.6266, 0.5388,
0.3870

■ 22.8805, 0.5675,
0.3808

■ 21.2469, 0.5846,
0.3740

Harmonies

Analogous

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



55.4934, 0.3507, 0.3325



55.4934, 0.3550, 0.3500



55.4934, 0.3475, 0.3628

Triad

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



55.4934, 0.3550, 0.3500



55.4934, 0.2896, 0.3436



55.4934, 0.2940, 0.2937

Complementary

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



55.4934, 0.3550, 0.3500



57.7427, 0.2773, 0.3070

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.



55.4934, 0.2786, 0.2954



55.4934, 0.3550, 0.3500



55.4934, 0.2761, 0.3236

Square

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



55.4934, 0.3550, 0.3500



55.4934, 0.3094, 0.3597



55.4934, 0.2722, 0.3060



55.4934, 0.3149, 0.3008

Rectangle

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



55.4934, 0.3550, 0.3500



55.4934, 0.3371, 0.3666



55.4934, 0.2722, 0.3060



55.4934, 0.2880, 0.2933

Sweetspot

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



55.4959, 0.3550, 0.3500



91.7586, 0.3241, 0.3352



49.6036, 0.3301, 0.2913



19.4934, 0.3252, 0.3357



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.



55.4959, 0.3550, 0.3500



71.1418, 0.3649, 0.3542



67.4333, 0.3489, 0.3779



14.4890, 0.3283, 0.3373



12.6886, 0.5819, 0.3762



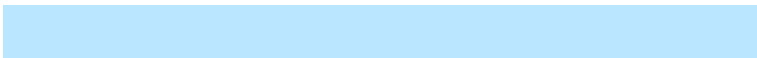
1.0440, 0.5523, 0.3997

Inverse Universe

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



57.7427, 0.2773, 0.3070



74.6456, 0.2706, 0.3023



46.5968, 0.2748, 0.2749



14.7147, 0.2982, 0.3205



15.1166, 0.1915, 0.2094



1.2144, 0.1972, 0.2300

Previews

White Background



This preview shows how the Yxy color 55.4934, 0.3550, 0.3500 looks on a white background.

Color Contrast Check

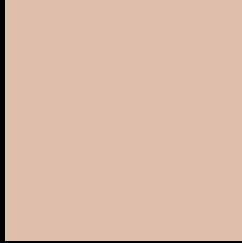
Large Text (above 18pt) WCAG AA × Fail

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 55.4934, 0.3550, 0.3500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

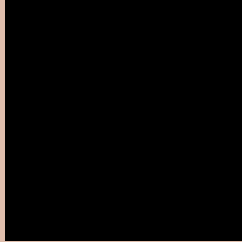
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.4934, 0.3550, 0.3500

Background



This preview shows how black text looks on a background with the Yxy color 55.4934, 0.3550, 0.3500.



This preview shows how white text looks on a background with the Yxy color 55.4934, 0.3550, 0.3500.

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

55.4934, 0.3550, 0.3500

Protanopia

55.5541, 0.3360, 0.3545

Deuteranopia

55.3813, 0.3570, 0.3487



Tritanopia

55.4567, 0.3353, 0.3133

Trichromacy



Original Color

55.4934, 0.3550, 0.3500

Protanomaly

55.6366, 0.3431, 0.3529

Deuteranomaly

55.2210, 0.3561, 0.3488

Tritanomaly

55.2659, 0.3425, 0.3257

Monochromacy



Original Color

55.4934, 0.3550, 0.3500

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.9697, 0.3270, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4934, 0.3550, 0.3500 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(223, 190, 172)` looks like.

```
.text, #text, p{  
    color:rgb(223, 190, 172)  
}
```

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(223, 190, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 190, 172) }
```

Border

The CSS property to change the border of an element to Yxy 55.4934, 0.3550, 0.3500 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(223, 190, 172) }
```

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

```
.border{ border-color:rgb(223, 190, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 190, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 190, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 190, 172);  
box-shadow:4px 4px 4px 4px rgb(223, 190,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4934, 0.3550, 0.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 190, 172) }
```

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

```
.background{ background-color: rgb(223,  
190, 172) }
```

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