

Converting Colors

$Yxy(55.5965, 0.3495, 0.3438)$

Have a look what the booklet for
Yxy(55.5965, 0.3495, 0.3438)
contains.

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Color

Yxy(55.5308, 0.3500, 0.3442)

Conversions

Conversions Part 1

Format	Color
Hex	DEBEB1
RGB	222, 190, 177
RGB Percent	87%, 75%, 69%
CMY	0.1295, 0.2548, 0.3059
CMYK	0.00, 0.14, 0.20, 0.13
HSL	17°, 41%, 78%
HSV	17°, 20%, 87%
XYZ	56.4665, 55.5308, 49.3356
YIQ	198.0860, 23.2450, 2.7410

Conversions

Conversions Part 2

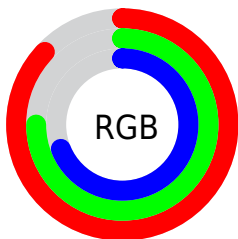
Format	Color
R _Y B	222, 195, 177
Decimal	14597809
CIE Lab	79.35, 9.35, 10.78
CIE LCh	79, 14.269, 49.044
Yxy	55.5308, 0.3500, 0.3442
Android (android.graphics.Color)	4292787889 (0xFFDEBEB1)
YUV	198.0860, -10.3954, 20.9726
Hunter-Lab	74.5190, 4.8496, 12.9101

Details

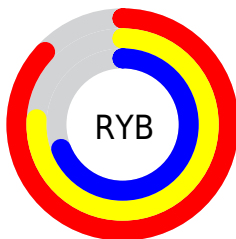
The Yxy color **55.5308, 0.3500, 0.3442** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.1971, 0.2816, 0.3133**, and the grayscale version is **56.5804, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0547, 0.3265, 0.3417**, and **27.4535, 0.3600, 0.3491** is the 20% darker color. If you saturate the color by 10%, you get **48.2516, 0.3737, 0.3522**, and if you desaturate by 10%, it is **63.6983, 0.3300, 0.3365**.

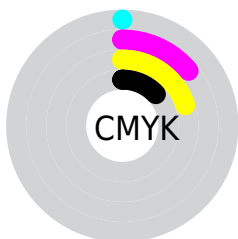
Distribution



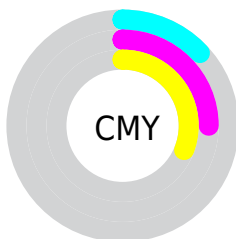
- Red (87%)
- Green (75%)
- Blue (69%)



- Red (87%)
- Yellow (76%)
- Blue (69%)



- Cyan (0%)
- Magenta (14%)
- Yellow (20%)
- Black (13%)




- Cyan (13%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5308, 0.3500, 0.3442 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 55.5308, 0.3500, 0.3442 by changing the saturation by 10% instead.


 55.5308, 0.3500,
0.3442

 55.5308, 0.3500,
0.3442

407.9209, 0.3318,
0.3371

 39.8269, 0.3544,
0.3458


 98.3182, 0.3435,
0.3417

 27.4036, 0.3600,
0.3479


126.1705, 0.3410,
0.3408

 17.8766, 0.3674,
0.3504


158.8410, 0.3389,
0.3399

 10.8614, 0.3774,
0.3538

196.7141, 0.3371,
0.3392

 5.9737, 0.3918,
0.3582

240.1743, 0.3355,
0.3386

 2.8291, 0.4142,
0.3645

289.6059, 0.3341,

 1.0432, 0.4725,

0.3380

0.3885

345.3933, 0.3329,
0.3375

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.5308, 0.3500,
0.3442

55.5308, 0.3500,
0.3442

48.2516, 0.3737,
0.3522

63.6983, 0.3300,
0.3365

41.8229, 0.4016,
0.3602

72.7755, 0.3131,
0.3292

36.2150, 0.4336,
0.3675

82.7924, 0.2990,
0.3225

31.3936, 0.4692,
0.3732

93.0610, 0.2928,
0.3270

■ 27.3218, 0.5068,
0.3763

■ 94.2651, 0.2929,
0.3289

■ 23.9596, 0.5437,
0.3755

■ 21.2625, 0.5760,
0.3700

■ 19.2205, 0.6007,
0.3612

Harmonies

Analogous

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



55.5308, 0.3438, 0.3283



55.5308, 0.3500, 0.3442



55.5308, 0.3459, 0.3568

Triad

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



55.5308, 0.3500, 0.3442



55.5308, 0.2961, 0.3457



55.5308, 0.2924, 0.2974

Complementary

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



55.5308, 0.3500, 0.3442



60.1971, 0.2816, 0.3133

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.



55.5308, 0.2804, 0.3009



55.5308, 0.3500, 0.3442



55.5308, 0.2825, 0.3285

Square

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



55.5308, 0.3500, 0.3442



55.5308, 0.3145, 0.3583



55.5308, 0.2768, 0.3121



55.5308, 0.3101, 0.3019

Rectangle

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



55.5308, 0.3500, 0.3442



55.5308, 0.3379, 0.3614



55.5308, 0.2768, 0.3121



55.5308, 0.2876, 0.2977

Sweetspot

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



55.5333, 0.3500, 0.3442



92.3124, 0.3225, 0.3333



51.5834, 0.3253, 0.2925



19.5855, 0.3236, 0.3338



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.



55.5333, 0.3500, 0.3442



71.9911, 0.3589, 0.3473



65.8999, 0.3452, 0.3689



14.3436, 0.3285, 0.3359



11.5860, 0.5981, 0.3633



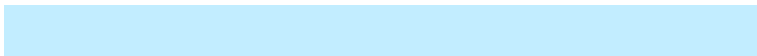
0.9541, 0.5676, 0.3875

Inverse Universe

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



60.1971, 0.2816, 0.3133



79.3962, 0.2756, 0.3099



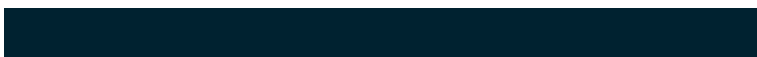
50.0507, 0.2798, 0.2856



14.8669, 0.2982, 0.3221



17.8044, 0.1979, 0.2323



1.3857, 0.2025, 0.2489

Previews

White Background



This preview shows how the Yxy color 55.5308, 0.3500, 0.3442 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 55.5308, 0.3500, 0.3442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

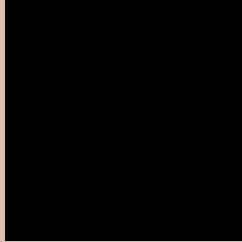
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.5308, 0.3500, 0.3442

Background



This preview shows how black text looks on a background with the Yxy color 55.5308, 0.3500, 0.3442.



This preview shows how white text looks on a background with the Yxy color 55.5308, 0.3500, 0.3442.

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

55.5308, 0.3500, 0.3442

Protanopia

55.6125, 0.3313, 0.3484

Deuteranopia

55.6892, 0.3509, 0.3441



Tritanopia

55.3424, 0.3336, 0.3121

Trichromacy



Original Color

55.5308, 0.3500, 0.3442

Protanomaly

55.6871, 0.3382, 0.3469

Deuteranomaly

55.6892, 0.3509, 0.3441

Tritanomaly

55.1937, 0.3400, 0.3234

Monochromacy



Original Color

55.5308, 0.3500, 0.3442

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.0133, 0.3262, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5308, 0.3500, 0.3442 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(222, 190, 177)` looks like.

```
.text, #text, p{  
  color:rgb(222, 190, 177)  
}
```

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(222, 190, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 190, 177) }
```

Border

The CSS property to change the border of an element to Yxy 55.5308, 0.3500, 0.3442 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(222, 190, 177) }
```

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

```
.border{ border-color:rgb(222, 190, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 190, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 190, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 190, 177);  
box-shadow:4px 4px 4px 4px rgb(222, 190,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5308, 0.3500, 0.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 190, 177) }
```

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

```
.background{ background-color: rgb(222,  
190, 177) }
```

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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