

Converting Colors

$Y_{xy}(55.6729, 0.3435, 0.3335)$

Have a look what the booklet for
Yxy(55.6729, 0.3435, 0.3335)
contains.

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Color

Yxy(55.4700, 0.3428, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	DEBDBA
RGB	222, 189, 186
RGB Percent	87%, 74%, 73%
CMY	0.1294, 0.2588, 0.2704
CMYK	0.00, 0.15, 0.16, 0.13
HSL	5°, 35%, 80%
HSV	5°, 16%, 87%
XYZ	57.1883, 55.4700, 54.1687
YIQ	198.5250, 20.6310, 6.0630

Conversions

Conversions Part 2

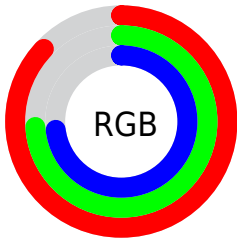
Format	Color
R _Y B	222, 189, 186
Decimal	14597562
CIE Lab	79.31, 11.29, 5.86
CIE LCh	79, 12.715, 27.419
Yxy	55.4700, 0.3428, 0.3325
Android (android.graphics.Color)	4292787642 (0xFFDEBDBA)
YUV	198.5250, -6.1748, 20.5876
Hunter-Lab	74.4782, 6.7250, 9.0125

Details

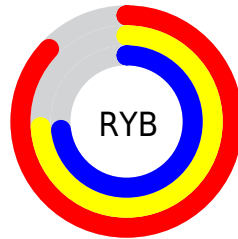
The Yxy color **55.4700, 0.3428, 0.3325** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.4026, 0.2881, 0.3255**, and the grayscale version is **56.8399, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.9756, 0.3210, 0.3319**, and **27.4088, 0.3502, 0.3337** is the 20% darker color. If you saturate the color by 10%, you get **46.4425, 0.3672, 0.3348**, and if you desaturate by 10%, it is **65.8803, 0.3230, 0.3303**.

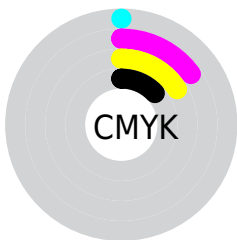
Distribution



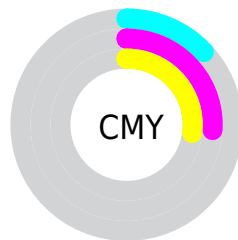
- Red (87%)
- Green (74%)
- Blue (73%)



- Red (87%)
- Yellow (74%)
- Blue (73%)



- Cyan (0%)
- Magenta (15%)
- Yellow (16%)
- Black (13%)




- Cyan (13%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.4700, 0.3428, 0.3325 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 55.4700, 0.3428, 0.3325 by changing the saturation by 10% instead.

 55.4700, 0.3428,
0.3325

 55.4700, 0.3428,
0.3325


407.6911, 0.3281,
0.3310

 39.7781, 0.3464,
0.3328

 98.2292, 0.3375,
0.3320

 27.3656, 0.3509,
0.3332


126.0654, 0.3355,
0.3318

 17.8480, 0.3568,
0.3337


158.7185, 0.3338,
0.3316

 10.8409, 0.3649,
0.3342

196.5728, 0.3324,
0.3315

 5.9600, 0.3766,
0.3348

240.0129, 0.3311,
0.3313

 2.8207, 0.3950,
0.3354

289.4230, 0.3300,

 1.0389, 0.4309,

0.3312

0.3375

345.1876, 0.3290,
0.3311

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.4700, 0.3428,
0.3325

55.4700, 0.3428,
0.3325

46.4425, 0.3672,
0.3348

65.8803, 0.3230,
0.3303

38.7325, 0.3971,
0.3372

77.7202, 0.3070,
0.3282

32.2805, 0.4330,
0.3394

91.0436, 0.2940,
0.3264

27.0199, 0.4747,
0.3410

94.2699, 0.2929,
0.3289

■ 22.8774, 0.5201,
0.3418

■ 19.7721, 0.5651,
0.3411

■ 17.6119, 0.6032,
0.3388

■ 16.2882, 0.6283,
0.3351

■ 15.9716, 0.6348,
0.3341

Harmonies

Analogous

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



55.4700, 0.3315, 0.3183



55.4700, 0.3428, 0.3325



55.4700, 0.3458, 0.3462

Triad

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



55.4700, 0.3428, 0.3325



55.4700, 0.3096, 0.3526



55.4700, 0.2861, 0.3023

Complementary

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



55.4700, 0.3428, 0.3325



66.4026, 0.2881, 0.3255

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.



55.4700, 0.2807, 0.3106



55.4700, 0.3428, 0.3325



55.4700, 0.2940, 0.3398

Square

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



55.4700, 0.3428, 0.3325



55.4700, 0.3263, 0.3584



55.4700, 0.2835, 0.3243



55.4700, 0.2986, 0.3011

Rectangle

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



55.4700, 0.3428, 0.3325



55.4700, 0.3427, 0.3533



55.4700, 0.2835, 0.3243



55.4700, 0.2834, 0.3043

Sweetspot

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



55.4725, 0.3428, 0.3325



91.9666, 0.3210, 0.3300



55.8111, 0.3164, 0.2916



19.4516, 0.3222, 0.3302



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.



55.4725, 0.3428, 0.3325



72.1028, 0.3495, 0.3332



63.4212, 0.3396, 0.3522



13.8809, 0.3290, 0.3310



9.5516, 0.6336, 0.3351



0.7260, 0.6165, 0.3487

Inverse Universe

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



66.4026, 0.2881, 0.3255



89.4219, 0.2839, 0.3248



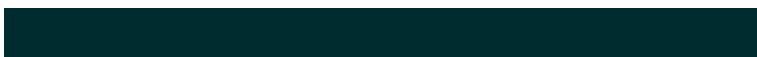
57.7829, 0.2872, 0.3047



15.3691, 0.2982, 0.3270



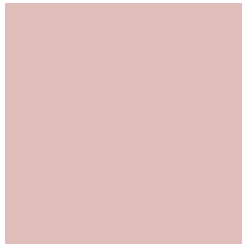
28.7846, 0.2175, 0.3031



2.0530, 0.2187, 0.3074

Previews

White Background



This preview shows how the Yxy color 55.4700, 0.3428, 0.3325 looks on a white background.

Color Contrast Check

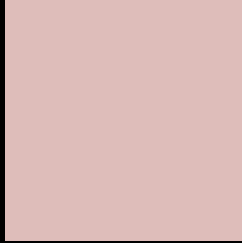
Large Text (above 18pt) WCAG AA × Fail

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 55.4700, 0.3428, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

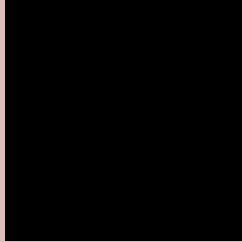
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.4700, 0.3428, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 55.4700, 0.3428, 0.3325.



This preview shows how white text looks on a background with the Yxy color 55.4700, 0.3428, 0.3325.

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

55.4700, 0.3428, 0.3325

Protanopia

55.7541, 0.3220, 0.3363

Deuteranopia

55.5877, 0.3409, 0.3337



Tritanopia

55.6050, 0.3326, 0.3132

Trichromacy



Original Color

55.4700, 0.3428, 0.3325

Protanomaly

55.3694, 0.3289, 0.3338

Deuteranomaly

55.7442, 0.3418, 0.3337

Tritanomaly

55.6399, 0.3357, 0.3199

Monochromacy



Original Color

55.4700, 0.3428, 0.3325

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.1907, 0.3231, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4700, 0.3428, 0.3325 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, 189, 186)` looks like.

```
.text, #text, p{  
    color:rgb(222, 189, 186)  
}
```

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, 189, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 189, 186) }
```

Border

The CSS property to change the border of an element to Yxy 55.4700, 0.3428, 0.3325 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, 189, 186) }
```

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

```
.border{ border-color:rgb(222, 189, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 189, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 189, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 189, 186);  
box-shadow:4px 4px 4px 4px rgb(222, 189,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4700, 0.3428, 0.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 189, 186) }
```

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

```
.background{ background-color: rgb(222,  
189, 186) }
```

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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