

Converting Colors

Yxy(55.2211, 0.3566, 0.3536)

Have a look what the booklet for
Yxy(55.2211, 0.3566, 0.3536)
contains.

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Color

Yxy(55.2211, 0.3566, 0.3536)

Conversions

Conversions Part 1

Format	Color
Hex	DEBEA9
RGB	222, 190, 169
RGB Percent	87%, 75%, 66%
CMY	0.1296, 0.2548, 0.3373
CMYK	0.00, 0.14, 0.24, 0.13
HSL	24°, 44%, 77%
HSV	24°, 24%, 87%
XYZ	55.6896, 55.2211, 45.2576
YIQ	197.1740, 25.8130, 0.2530

Conversions

Conversions Part 2

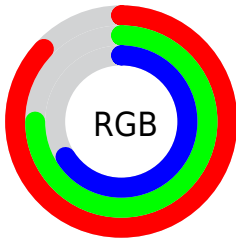
Format	Color
R _Y B	222, 204, 169
Decimal	14597801
CIE Lab	79.17, 8.18, 14.82
CIE LCh	79, 16.933, 61.106
Yxy	55.2211, 0.3566, 0.3536
Android (android.graphics.Color)	4292787881 (0xFFDEBEA9)
YUV	197.1740, -13.8898, 21.7724
Hunter-Lab	74.3109, 3.7263, 15.9082

Details

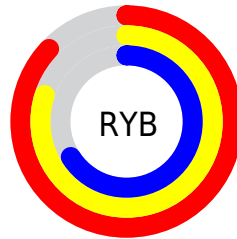
The Yxy color **55.2211, 0.3566, 0.3536** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.4502, 0.2755, 0.3030**, and the grayscale version is **56.0183, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5534, 0.3320, 0.3506**, and **27.2827, 0.3679, 0.3600** is the 20% darker color. If you saturate the color by 10%, you get **48.9240, 0.3801, 0.3645**, and if you desaturate by 10%, it is **62.1973, 0.3363, 0.3429**.

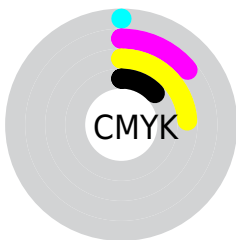
Distribution



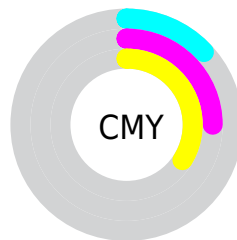
- Red (87%)
- Green (75%)
- Blue (66%)



- Red (87%)
- Yellow (80%)
- Blue (66%)



- Cyan (0%)
- Magenta (14%)
- Yellow (24%)
- Black (13%)





- Cyan (13%)
- Magenta (25%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.2211, 0.3566, 0.3536 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 55.2211, 0.3566, 0.3536 by changing the saturation by 10% instead.


 55.2211, 0.3566,
0.3536

 55.2211, 0.3566,
0.3536

406.7495, 0.3351,
0.3420

 39.5788, 0.3618,
0.3563

 97.8648, 0.3489,
0.3495

 27.2103, 0.3684,
0.3596


125.6350, 0.3460,
0.3480

 17.7312, 0.3770,
0.3639


158.2166, 0.3435,
0.3466

 10.7572, 0.3886,
0.3694

195.9940, 0.3414,
0.3454

 5.9038, 0.4053,
0.3769

239.3516, 0.3395,
0.3444

 2.7867, 0.4309,
0.3872

288.6738, 0.3379,

 1.0214, 0.5255,

0.3435

0.4446

344.3449, 0.3364,
0.3427

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.2211, 0.3566,
0.3536

55.2211, 0.3566,
0.3536

48.9240, 0.3801,
0.3645

62.1973, 0.3363,
0.3429

43.2771, 0.4068,
0.3752

69.8654, 0.3188,
0.3327

38.2602, 0.4366,
0.3847

78.2474, 0.3038,
0.3233

33.8492, 0.4685,
0.3921

87.1815, 0.2925,
0.3173

■ 30.0182, 0.5010,
0.3961

■ 94.2633, 0.2929,
0.3289

■ 26.7386, 0.5319,
0.3954

■ 23.9788, 0.5585,
0.3893

■ 22.5202, 0.5725,
0.3836

Harmonies

Analogous

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



55.2211, 0.3541, 0.3357



55.2211, 0.3566, 0.3536



55.2211, 0.3469, 0.3658

Triad

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



55.2211, 0.3566, 0.3536



55.2211, 0.2856, 0.3410



55.2211, 0.2964, 0.2927

Complementary

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



55.2211, 0.3566, 0.3536



55.4502, 0.2755, 0.3030

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.



55.2211, 0.2790, 0.2929



55.2211, 0.3566, 0.3536



55.2211, 0.2730, 0.3199

Square

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



55.2211, 0.3566, 0.3536



55.2211, 0.3056, 0.3591



55.2211, 0.2706, 0.3025



55.2211, 0.3187, 0.3015

Rectangle

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



55.2211, 0.3566, 0.3536



55.2211, 0.3350, 0.3687



55.2211, 0.2706, 0.3025



55.2211, 0.2898, 0.2917

Sweetspot

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



55.2236, 0.3566, 0.3536



92.2264, 0.3241, 0.3359



48.1462, 0.3326, 0.2916



19.6016, 0.3251, 0.3365



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.



55.2236, 0.3566, 0.3536



70.8913, 0.3688, 0.3595



67.3874, 0.3501, 0.3819



14.5888, 0.3282, 0.3384



13.5850, 0.5699, 0.3857



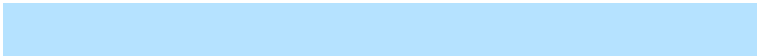
1.1130, 0.5416, 0.4081

Inverse Universe

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



55.4502, 0.2755, 0.3030



71.2501, 0.2671, 0.2963



44.4351, 0.2728, 0.2699



14.6115, 0.2981, 0.3195



13.4628, 0.1872, 0.1939



1.1066, 0.1936, 0.2169

Previews

White Background



This preview shows how the Yxy color 55.2211, 0.3566, 0.3536 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 55.2211, 0.3566, 0.3536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

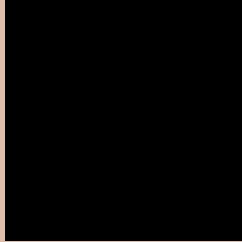
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.2211, 0.3566, 0.3536

Background



This preview shows how black text looks on a background with the Yxy color 55.2211, 0.3566, 0.3536.



This preview shows how white text looks on a background with the Yxy color 55.2211, 0.3566, 0.3536.

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

55.2211, 0.3566, 0.3536

Protanopia

55.4375, 0.3383, 0.3582

Deuteranopia

55.2673, 0.3595, 0.3522



Tritanopia

55.4567, 0.3353, 0.3133

Trichromacy



Original Color

55.2211, 0.3566, 0.3536

Protanomaly

55.3727, 0.3446, 0.3566

Deuteranomaly

55.1071, 0.3586, 0.3523

Tritanomaly

55.2223, 0.3433, 0.3268

Monochromacy



Original Color

55.2211, 0.3566, 0.3536

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.2932, 0.3278, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2211, 0.3566, 0.3536 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(222, 190, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 190, 169) }
```

Border

The CSS property to change the border of an element to Yxy 55.2211, 0.3566, 0.3536 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, 169) }
```

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

```
.border{ border-color:rgb(222, 190, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 190, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 190, 169);  
box-shadow:4px 4px 4px 4px rgb(222, 190,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2211, 0.3566, 0.3536 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, 169) }
```

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

```
.background{ background-color: rgb(222,  
190, 169) }
```

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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