

Converting Colors

Yxy(56.9052, 0.3541, 0.3565)

Have a look what the booklet for
Yxy(56.9052, 0.3541, 0.3565)
contains.

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Color

Yxy(56.8580, 0.3539, 0.3570)

Conversions

Conversions Part 1

Format	Color
Hex	DDC2AA
RGB	221, 194, 170
RGB Percent	87%, 76%, 67%
CMY	0.1334, 0.2392, 0.3333
CMYK	0.00, 0.12, 0.23, 0.13
HSL	28°, 43%, 77%
HSV	28°, 23%, 87%
XYZ	56.3643, 56.8580, 46.0438
YIQ	199.3370, 23.7960, -1.7400

Conversions

Conversions Part 2

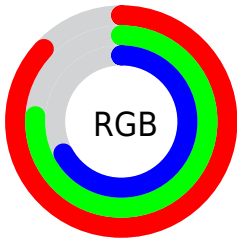
Format	Color
R _Y B	221, 215, 170
Decimal	14533290
CIE Lab	80.10, 5.85, 15.57
CIE LCh	80, 16.634, 69.406
Yxy	56.8580, 0.3539, 0.3570
Android (android.graphics.Color)	4292723370 (0xFFDDC2AA)
YUV	199.3370, -14.4631, 18.9985
Hunter-Lab	75.4042, 1.4704, 16.5789

Details

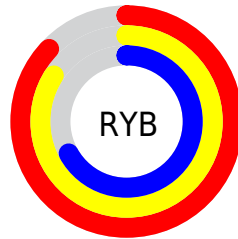
The Yxy color **56.8580, 0.3539, 0.3570** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **53.6991, 0.2764, 0.2993**, and the grayscale version is **57.4110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0675, 0.3309, 0.3534**, and **28.0635, 0.3644, 0.3630** is the 20% darker color. If you saturate the color by 10%, you get **51.0894, 0.3760, 0.3698**, and if you desaturate by 10%, it is **63.1822, 0.3344, 0.3445**.

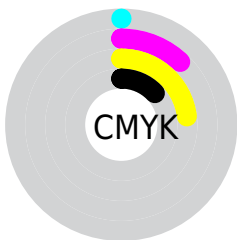
Distribution



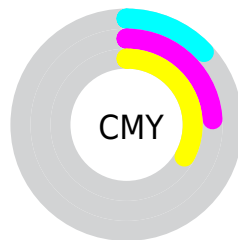
- Red (87%)
- Green (76%)
- Blue (67%)



- Red (87%)
- Yellow (84%)
- Blue (67%)



- Cyan (0%)
- Magenta (12%)
- Yellow (23%)
- Black (13%)



- Cyan (13%)
- Magenta (24%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.8580, 0.3539, 0.3570 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 56.8580, 0.3539, 0.3570 by changing the saturation by 10% instead.


 56.8580, 0.3539,
0.3570

 56.8580, 0.3539,
0.3570


412.9170, 0.3339,
0.3437

 40.8912, 0.3587,
0.3601


 100.2580, 0.3468,
0.3523

 28.2341, 0.3648,
0.3640


128.4600, 0.3441,
0.3505

 18.5022, 0.3726,
0.3689


161.5092, 0.3417,
0.3490

 11.3111, 0.3833,
0.3753

199.7900, 0.3397,
0.3477

 6.2765, 0.3984,
0.3842

243.6867, 0.3380,
0.3465

 3.0139, 0.4212,
0.3967

293.5839, 0.3365,

 1.1390, 0.4985,

0.3455

349.8659, 0.3351,
0.3445

0.4505

0.0110, 0.9329,
0.0671

0.0000, 0.0000,
0.0000

56.8580, 0.3539,
0.3570

56.8580, 0.3539,
0.3570

51.0894, 0.3760,
0.3698

63.1822, 0.3344,
0.3445

45.8523, 0.4008,
0.3824

70.0698, 0.3175,
0.3325

41.1319, 0.4279,
0.3939

77.5384, 0.3027,
0.3213

36.9097, 0.4566,
0.4032

85.3804, 0.2919,
0.3144

■ 33.1657, 0.4855,
0.4092

■ 92.5214, 0.2922,
0.3264

■ 29.8782, 0.5129,
0.4104

■ 94.1098, 0.2923,
0.3289

■ 27.0224, 0.5368,
0.4062

■ 25.2735, 0.5511,
0.4006

Harmonies

Analogous

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



56.8580, 0.3549, 0.3407



56.8580, 0.3539, 0.3570



56.8580, 0.3416, 0.3665

Triad

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



56.8580, 0.3539, 0.3570



56.8580, 0.2820, 0.3350



56.8580, 0.3026, 0.2952

Complementary

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



56.8580, 0.3539, 0.3570



53.6991, 0.2764, 0.2993

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.



56.8580, 0.2839, 0.2928



56.8580, 0.3539, 0.3570



56.8580, 0.2723, 0.3149

Square

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



56.8580, 0.3539, 0.3570



56.8580, 0.2999, 0.3540



56.8580, 0.2730, 0.2997



56.8580, 0.3247, 0.3058

Rectangle

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



56.8580, 0.3539, 0.3570



56.8580, 0.3288, 0.3673



56.8580, 0.2730, 0.2997



56.8580, 0.2957, 0.2934

Sweetspot

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



56.8606, 0.3539, 0.3570



93.0224, 0.3239, 0.3372



48.1676, 0.3355, 0.2976



19.7858, 0.3250, 0.3379



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.



56.8606, 0.3539, 0.3570



74.4365, 0.3650, 0.3636



69.0854, 0.3478, 0.3846



14.0571, 0.3280, 0.3400



14.9070, 0.5486, 0.4026



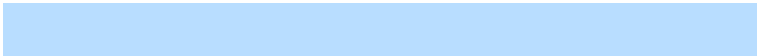
1.1373, 0.5221, 0.4237

Inverse Universe

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



53.6991, 0.2764, 0.2993



69.2816, 0.2680, 0.2916



43.1666, 0.2738, 0.2666



13.7525, 0.2982, 0.3177



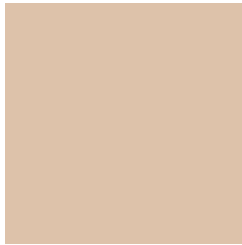
10.6493, 0.1801, 0.1684



0.8620, 0.1880, 0.1967

Previews

White Background



This preview shows how the Yxy color 56.8580, 0.3539, 0.3570 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 56.8580, 0.3539, 0.3570 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 56.8580, 0.3539, 0.3570

Background



This preview shows how black text looks on a background with the Yxy color 56.8580, 0.3539, 0.3570.



This preview shows how white text looks on a background with the Yxy color 56.8580, 0.3539, 0.3570.

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

56.8580, 0.3539, 0.3570

Protanopia

56.7766, 0.3405, 0.3603

Deuteranopia

56.6959, 0.3599, 0.3520



Tritanopia

56.7624, 0.3308, 0.3122

Trichromacy



Original Color

56.8580, 0.3539, 0.3570

Protanomaly

57.0189, 0.3456, 0.3599

Deuteranomaly

56.6471, 0.3571, 0.3533

Tritanomaly

56.9147, 0.3393, 0.3279

Monochromacy



Original Color

56.8580, 0.3539, 0.3570

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.8287, 0.3275, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8580, 0.3539, 0.3570 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(221, 194, 170)` looks like.

```
.text, #text, p{  
    color:rgb(221, 194, 170)  
}
```

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(221, 194, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 194, 170) }
```

Border

The CSS property to change the border of an element to Yxy 56.8580, 0.3539, 0.3570 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(221, 194, 170) }
```

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

```
.border{ border-color:rgb(221, 194, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 194, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 194, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 194, 170); box-shadow:4px 4px 4px 4px rgb(221, 194, 170) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8580, 0.3539, 0.3570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 194, 170) }
```

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

```
.background{ background-color: rgb(221,  
194, 170) }
```

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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