

Converting Colors

$Y_{xy}(43.3621, 0.3601, 0.3540)$

Have a look what the booklet for
Yxy(43.3621, 0.3601, 0.3540)
contains.

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Color

Yxy(43.5080, 0.3606, 0.3547)

Conversions

Conversions Part 1

Format	Color
Hex	CAA96
RGB	202, 170, 150
RGB Percent	79%, 67%, 59%
CMY	0.2079, 0.3333, 0.4118
CMYK	0.00, 0.16, 0.26, 0.21
HSL	23°, 33%, 69%
HSV	23°, 26%, 79%
XYZ	44.2317, 43.5080, 34.9217
YIQ	177.2880, 25.4920, 0.5640

Conversions

Conversions Part 2

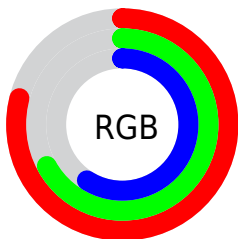
Format	Color
R_{YB}	202, 183, 150
Decimal	13281942
CIE _{Lab}	71.90, 8.59, 14.65
CIE _{LCh}	72, 16.983, 59.596
Yxy	43.5080, 0.3606, 0.3547
Android (android.graphics.Color)	4291472022 (0xFFCAA96)
YUV	177.2880, -13.4530, 21.6724
Hunter-Lab	65.9606, 4.2671, 14.7823

Details

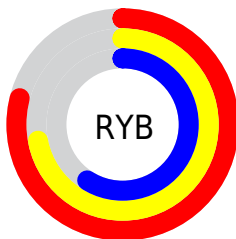
The Yxy color **43.5080, 0.3606, 0.3547** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.1881, 0.2729, 0.3018**, and the grayscale version is **44.1877, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.4701, 0.3486, 0.3503**, and **20.0608, 0.3747, 0.3621** is the 20% darker color. If you saturate the color by 10%, you get **38.4749, 0.3847, 0.3652**, and if you desaturate by 10%, it is **49.0972, 0.3397, 0.3443**.

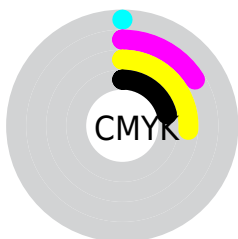
Distribution



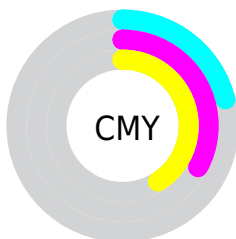
- Red (79%)
- Green (67%)
- Blue (59%)



- Red (79%)
- Yellow (72%)
- Blue (59%)



- Cyan (0%)
- Magenta (16%)
- Yellow (26%)
- Black (21%)





- Cyan (21%)
- Magenta (33%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5080, 0.3606, 0.3547 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 43.5080, 0.3606, 0.3547 by changing the saturation by 10% instead.

 43.5080, 0.3606,
0.3547


 43.5080, 0.3606,
0.3547


360.6968, 0.3362,
0.3421

 30.2839, 0.3668,
0.3577


 80.4769, 0.3517,
0.3502

 20.0542, 0.3748,
0.3616


 104.9905, 0.3483,
0.3485

 12.4344, 0.3856,
0.3665


134.0360, 0.3455,
0.3470

 7.0403, 0.4008,
0.3731

167.9979, 0.3431,
0.3458

 3.4873, 0.4236,
0.3821

207.2605, 0.3410,
0.3447

 1.3911, 0.4745,
0.4058

252.2083, 0.3392,

 0.2102, 0.6609,

0.3437

0.3391

303.2256, 0.3376,
0.3429

0.0000, 0.0000,
0.0000

43.5080, 0.3606,
0.3547

43.5080, 0.3606,
0.3547

38.4749, 0.3847,
0.3652

49.0972, 0.3397,
0.3443

33.9742, 0.4121,
0.3754

55.2536, 0.3218,
0.3344

29.9887, 0.4425,
0.3844

61.9953, 0.3065,
0.3251

26.4984, 0.4750,
0.3910

69.3379, 0.2934,
0.3166

23.4815, 0.5078,
0.3941

77.2964, 0.2821,
0.3087

■ 20.9141, 0.5386,
0.3924

■ 84.7981, 0.2808,
0.3179

■ 18.7693, 0.5648,
0.3855

■ 91.2929, 0.2816,
0.3289

■ 17.9690, 0.5749,
0.3818

Harmonies

Analogous

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



43.5080, 0.3573, 0.3351



43.5080, 0.3606, 0.3547



43.5080, 0.3506, 0.3685

Triad

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



43.5080, 0.3606, 0.3547



43.5080, 0.2842, 0.3431



43.5080, 0.2939, 0.2895

Complementary

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



43.5080, 0.3606, 0.3547



44.1881, 0.2729, 0.3018

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.



43.5080, 0.2755, 0.2901



43.5080, 0.3606, 0.3547



43.5080, 0.2701, 0.3202

Square

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



43.5080, 0.3606, 0.3547



43.5080, 0.3061, 0.3625



43.5080, 0.2670, 0.3009



43.5080, 0.3179, 0.2985

Rectangle

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



43.5080, 0.3606, 0.3547



43.5080, 0.3380, 0.3721



43.5080, 0.2670, 0.3009



43.5080, 0.2868, 0.2886

Sweetspot

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



43.5100, 0.3606, 0.3547



91.0105, 0.3258, 0.3367



37.7463, 0.3344, 0.2888



19.1337, 0.3285, 0.3382



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.



43.5100, 0.3606, 0.3547



68.7223, 0.3739, 0.3607



54.1946, 0.3529, 0.3858



11.9101, 0.3281, 0.3380



11.7267, 0.5725, 0.3837



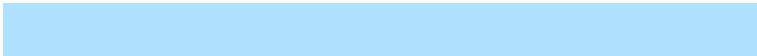
0.7509, 0.5361, 0.4126

Inverse Universe

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



44.1881, 0.2729, 0.3018



70.0582, 0.2641, 0.2948



34.5467, 0.2695, 0.2650



11.9733, 0.2983, 0.3199



12.2327, 0.1886, 0.1988



0.7753, 0.1964, 0.2270

Previews

White Background



This preview shows how the Yxy color 43.5080, 0.3606, 0.3547 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 43.5080, 0.3606, 0.3547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

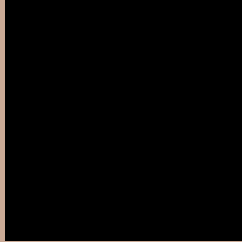
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5080, 0.3606, 0.3547

Background



This preview shows how black text looks on a background with the Yxy color 43.5080, 0.3606, 0.3547.



This preview shows how white text looks on a background with the Yxy color 43.5080, 0.3606, 0.3547.

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

43.5080, 0.3606, 0.3547

Protanopia

43.6649, 0.3402, 0.3599

Deuteranopia

43.6480, 0.3616, 0.3546



Tritanopia

43.5062, 0.3377, 0.3129

Trichromacy



Original Color

43.5080, 0.3606, 0.3547

Protanomaly

43.6155, 0.3472, 0.3581

Deuteranomaly

43.6480, 0.3616, 0.3546

Tritanomaly

43.3020, 0.3467, 0.3278

Monochromacy



Original Color

43.5080, 0.3606, 0.3547

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.5012, 0.3294, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5080, 0.3606, 0.3547 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(202, 170, 150)` looks like.

```
.text, #text, p{  
    color:rgb(202, 170, 150)  
}
```

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(202, 170, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 170, 150) }
```

Border

The CSS property to change the border of an element to Yxy 43.5080, 0.3606, 0.3547 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(202, 170, 150) }
```

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

```
.border{ border-color:rgb(202, 170, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 170, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 170, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 170, 150);  
box-shadow:4px 4px 4px 4px rgb(202, 170,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5080, 0.3606, 0.3547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 170, 150) }
```

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

```
.background{ background-color: rgb(202,  
170, 150) }
```

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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