

Converting Colors

$Yxy(43.5886, 0.3701, 0.3689)$

Have a look what the booklet for
Yxy(43.5886, 0.3701, 0.3689)
contains.

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Color

Yxy(43.5758, 0.3695, 0.3688)

Conversions

Conversions Part 1

Format	Color
Hex	CAAB8C
RGB	202, 171, 140
RGB Percent	79%, 67%, 55%
CMY	0.2077, 0.3294, 0.4510
CMYK	0.00, 0.15, 0.31, 0.21
HSL	30°, 37%, 67%
HSV	30°, 31%, 79%
XYZ	43.6585, 43.5758, 30.9213
YIQ	176.7350, 28.4270, -3.0690

Conversions

Conversions Part 2

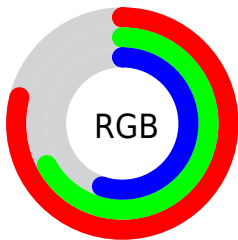
Format	Color
RYB	202, 202, 140
Decimal	13282188
CIELab	71.94, 6.72, 20.17
CIELCh	72, 21.256, 71.578
Yxy	43.5758, 0.3695, 0.3688
Android (android.graphics.Color)	4291472268 (0xFFCAAB8C)
YUV	176.7350, -18.1104, 22.1574
Hunter-Lab	66.0120, 2.5341, 18.4358

Details

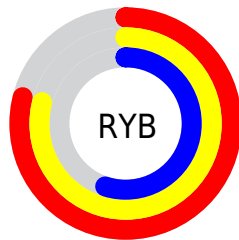
The Yxy color **43.5758, 0.3695, 0.3688** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **38.9785, 0.2640, 0.2855**, and the grayscale version is **43.9079, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5478, 0.3553, 0.3616**, and **20.1349, 0.3857, 0.3793** is the 20% darker color. If you saturate the color by 10%, you get **39.3622, 0.3929, 0.3822**, and if you desaturate by 10%, it is **48.1948, 0.3485, 0.3553**.

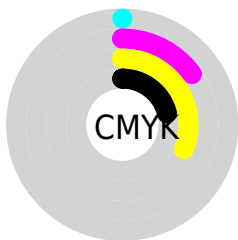
Distribution



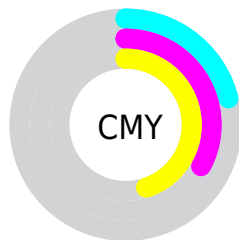
- Red (79%)
- Green (67%)
- Blue (55%)



- Red (79%)
- Yellow (79%)
- Blue (55%)



- Cyan (0%)
- Magenta (15%)
- Yellow (31%)
- Black (21%)





- Cyan (21%)
- Magenta (33%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.5758, 0.3695, 0.3688 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 43.5758, 0.3695, 0.3688 by changing the saturation by 10% instead.

 43.5758, 0.3695,
0.3688


 43.5758, 0.3695,
0.3688


360.9744, 0.3407,
0.3492


 30.3372, 0.3768,
0.3735


 80.5790, 0.3590,
0.3618

 20.0946, 0.3861,
0.3795


 105.1124, 0.3550,
0.3591

 12.4639, 0.3985,
0.3872


 134.1795, 0.3517,
0.3569

 7.0604, 0.4157,
0.3973

168.1647, 0.3489,
0.3549

 3.4999, 0.4408,
0.4110

207.4524, 0.3464,
0.3532

 1.3980, 0.5227,
0.4673

252.4270, 0.3443,

 0.2152, 0.6313,

0.3517

0.3687

303.4729, 0.3424,
0.3504

0.0000, 0.0000,
0.0000

43.5758, 0.3695,
0.3688

43.5758, 0.3695,
0.3688

39.3622, 0.3929,
0.3822

48.1948, 0.3485,
0.3553

35.5355, 0.4184,
0.3947

53.2250, 0.3300,
0.3423

32.0845, 0.4455,
0.4053


58.6797, 0.3138,
0.3298

28.9947, 0.4730,
0.4129

64.5696, 0.2996,
0.3182


26.2507, 0.4994,
0.4162

70.9050, 0.2873,
0.3075


 23.8349, 0.5229,
0.4142

 77.2890, 0.2799,
0.3040

 21.8587, 0.5417,
0.4081

 83.1318, 0.2807,
0.3149

 89.3069, 0.2814,
0.3256

 91.2999, 0.2816,
0.3289

Harmonies

Analogous

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



43.5758, 0.3724, 0.3463



43.5758, 0.3695, 0.3688



43.5758, 0.3510, 0.3820

Triad

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



43.5758, 0.3695, 0.3688



43.5758, 0.2687, 0.3349



43.5758, 0.3005, 0.2834

Complementary

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



43.5758, 0.3695, 0.3688



38.9785, 0.2640, 0.2855

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.



43.5758, 0.2742, 0.2790



43.5758, 0.3695, 0.3688



43.5758, 0.2566, 0.3070

Square

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



43.5758, 0.3695, 0.3688



43.5758, 0.2926, 0.3627



43.5758, 0.2585, 0.2870



43.5758, 0.3314, 0.2985

Rectangle

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



43.5758, 0.3695, 0.3688



43.5758, 0.3327, 0.3828



43.5758, 0.2585, 0.2870



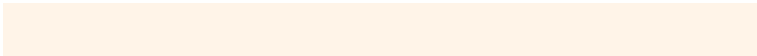
43.5758, 0.2909, 0.2806

Sweetspot

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



43.5778, 0.3695, 0.3688



91.5011, 0.3273, 0.3402



34.2972, 0.3462, 0.2882



19.3031, 0.3298, 0.3421



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.



43.5778, 0.3695, 0.3688



68.8346, 0.3852, 0.3779



56.2222, 0.3590, 0.4038



12.1244, 0.3278, 0.3406



14.2404, 0.5396, 0.4097



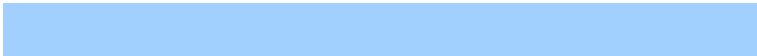
0.8865, 0.5100, 0.4333

Inverse Universe

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



38.9785, 0.2640, 0.2855



59.8000, 0.2529, 0.2740



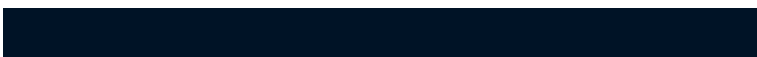
28.9016, 0.2590, 0.2414



11.7558, 0.2983, 0.3171



8.9184, 0.1776, 0.1592



0.6119, 0.1874, 0.1947

Previews

White Background



This preview shows how the Yxy color 43.5758, 0.3695, 0.3688 looks on a white background.

Color Contrast Check

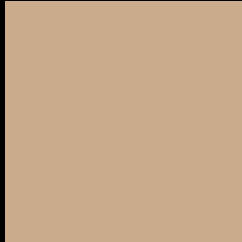
Large Text (above 18pt) WCAG AA × Fail

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 43.5758, 0.3695, 0.3688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

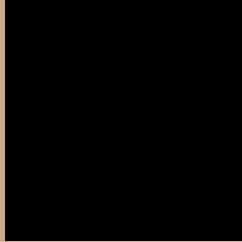
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5758, 0.3695, 0.3688

Background



This preview shows how black text looks on a background with the Yxy color 43.5758, 0.3695, 0.3688.



This preview shows how white text looks on a background with the Yxy color 43.5758, 0.3695, 0.3688.

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

43.5758, 0.3695, 0.3688

Protanopia

43.5685, 0.3516, 0.3746

Deuteranopia

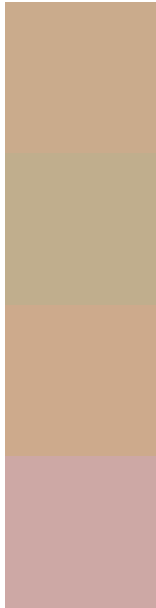
43.3912, 0.3741, 0.3658



Tritanopia

43.6489, 0.3386, 0.3130

Trichromacy



Original Color

43.5758, 0.3695, 0.3688

Protanomaly

43.4017, 0.3579, 0.3727

Deuteranomaly

43.6220, 0.3728, 0.3672

Tritanomaly

43.7010, 0.3502, 0.3329

Monochromacy



Original Color

43.5758, 0.3695, 0.3688

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.7794, 0.3319, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5758, 0.3695, 0.3688 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, 171, 140)` looks like.

```
.text, #text, p{  
    color:rgb(202, 171, 140)  
}
```

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, 171, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 171, 140) }
```

Border

The CSS property to change the border of an element to Yxy 43.5758, 0.3695, 0.3688 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, 171, 140) }
```

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

```
.border{ border-color:rgb(202, 171, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 171, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 171, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 171, 140); box-shadow:4px 4px 4px 4px rgb(202, 171, 140) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5758, 0.3695, 0.3688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 171, 140) }
```

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

```
.background{ background-color: rgb(202,  
171, 140) }
```

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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