

Converting Colors

$Y_{xy}(43.1642, 0.3854, 0.3794)$

Have a look what the booklet for
Yxy(43.1642, 0.3854, 0.3794)
contains.

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Color

Yxy(43.2263, 0.3852, 0.3795)

Conversions

Conversions Part 1

Format	Color
Hex	CFA981
RGB	207, 169, 129
RGB Percent	81%, 66%, 51%
CMY	0.1884, 0.3372, 0.4941
CMYK	0.00, 0.18, 0.38, 0.19
HSL	31°, 45%, 66%
HSV	31°, 38%, 81%
XYZ	43.8755, 43.2263, 26.8014
YIQ	175.8020, 35.4880, -4.3840

Conversions

Conversions Part 2

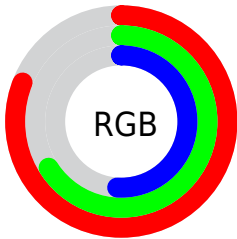
Format	Color
R_{YB}	203, 207, 129
Decimal	13609345
CIE _{Lab}	71.71, 8.37, 25.88
CIE _{LCh}	72, 27.200, 72.074
Yxy	43.2263, 0.3852, 0.3795
Android (android.graphics.Color)	4291799425 (0xFFCFA981)
YUV	175.8020, -23.0734, 27.3606
Hunter-Lab	65.7467, 4.0638, 21.8533

Details

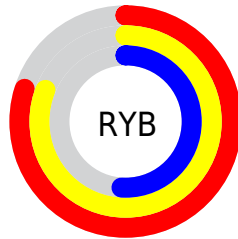
The Yxy color **43.2263, 0.3852, 0.3795** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.7910, 0.2523, 0.2721**, and the grayscale version is **43.4160, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.9487, 0.3643, 0.3720**, and **19.8664, 0.4062, 0.3930** is the 20% darker color. If you saturate the color by 10%, you get **39.1269, 0.4098, 0.3927**, and if you desaturate by 10%, it is **47.7301, 0.3627, 0.3657**.

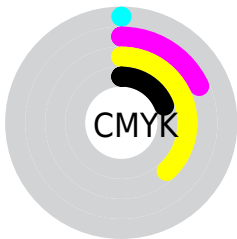
Distribution



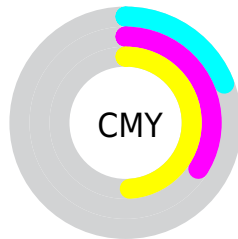
- Red (81%)
- Green (66%)
- Blue (51%)



- Red (80%)
- Yellow (81%)
- Blue (51%)



- Cyan (0%)
- Magenta (18%)
- Yellow (38%)
- Black (19%)





- Cyan (19%)
- Magenta (34%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2263, 0.3852, 0.3795 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 43.2263, 0.3852, 0.3795 by changing the saturation by 10% instead.


 43.2263, 0.3852,
0.3795


 43.2263, 0.3852,
0.3795


359.5416, 0.3485,
0.3549


 30.0627, 0.3944,
0.3853


 80.0522, 0.3718,
0.3708

 19.8862, 0.4061,
0.3925


 104.4834, 0.3668,
0.3675

 12.3123, 0.4214,
0.4015


 133.4392, 0.3626,
0.3646

 6.9568, 0.4424,
0.4129

167.3040, 0.3590,
0.3621

 3.4351, 0.4722,
0.4273

206.4623, 0.3558,
0.3600

 1.3629, 0.5380,
0.4620

251.2984, 0.3531,

 0.1891, 0.6701,

0.3581

0.3299

302.1967, 0.3507,
0.3564

0.0000, 0.0000,
0.0000

43.2263, 0.3852,
0.3795

43.2263, 0.3852,
0.3795

39.1269, 0.4098,
0.3927

47.7301, 0.3627,
0.3657

35.4125, 0.4361,
0.4044

52.6447, 0.3426,
0.3519

32.0709, 0.4631,
0.4133

57.9838, 0.3248,
0.3387

29.0868, 0.4894,
0.4182

63.7588, 0.3093,
0.3262

26.4429, 0.5132,
0.4181

69.9805, 0.2957,
0.3145

■ 24.1176, 0.5334,
0.4127

■ 76.6591, 0.2838,
0.3037

■ 23.6148, 0.5379,
0.4111

■ 82.5282, 0.2834,
0.3127

■ 88.6100, 0.2840,
0.3233

■ 92.0004, 0.2843,
0.3289

Harmonies

Analogous

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



43.2263, 0.3896, 0.3507



43.2263, 0.3852, 0.3795



43.2263, 0.3607, 0.3972

Triad

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



43.2263, 0.3852, 0.3795



43.2263, 0.2563, 0.3356



43.2263, 0.2974, 0.2717

Complementary

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



43.2263, 0.3852, 0.3795



36.7910, 0.2523, 0.2721

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.



43.2263, 0.2641, 0.2656



43.2263, 0.3852, 0.3795



43.2263, 0.2415, 0.2996

Square

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



43.2263, 0.3852, 0.3795



43.2263, 0.2860, 0.3723



43.2263, 0.2443, 0.2749



43.2263, 0.3371, 0.2908

Rectangle

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



43.2263, 0.3852, 0.3795



43.2263, 0.3371, 0.3986



43.2263, 0.2443, 0.2749



43.2263, 0.2852, 0.2681

Sweetspot

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



43.2283, 0.3852, 0.3795



89.9193, 0.3307, 0.3432



31.7891, 0.3582, 0.2802



18.9933, 0.3332, 0.3450



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.



43.2283, 0.3852, 0.3795



64.0746, 0.4044, 0.3900



59.4543, 0.3689, 0.4218



12.7972, 0.3278, 0.3409



15.0742, 0.5358, 0.4127



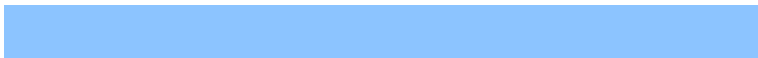
1.0015, 0.5088, 0.4342

Inverse Universe

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



36.7910, 0.2523, 0.2721



52.3443, 0.2396, 0.2576



24.8730, 0.2441, 0.2156



12.3540, 0.2982, 0.3168



8.8609, 0.1763, 0.1545



0.6541, 0.1857, 0.1885

Previews

White Background



This preview shows how the Yxy color 43.2263, 0.3852, 0.3795 looks on a white background.

Color Contrast Check

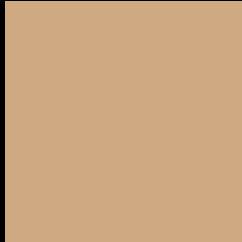
Large Text (above 18pt) WCAG AA × Fail

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 43.2263, 0.3852, 0.3795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

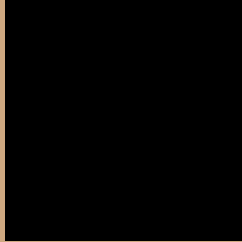
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.2263, 0.3852, 0.3795

Background



This preview shows how black text looks on a background with the Yxy color 43.2263, 0.3852, 0.3795.



This preview shows how white text looks on a background with the Yxy color 43.2263, 0.3852, 0.3795.

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

43.2263, 0.3852, 0.3795

Protanopia

43.4080, 0.3613, 0.3879

Deuteranopia

43.3708, 0.3862, 0.3793



Tritanopia

43.2866, 0.3486, 0.3145

Trichromacy



Original Color

43.2263, 0.3852, 0.3795

Protanomaly

43.1279, 0.3700, 0.3841

Deuteranomaly

43.3708, 0.3862, 0.3793

Tritanomaly

43.0805, 0.3624, 0.3379

Monochromacy



Original Color

43.2263, 0.3852, 0.3795

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.9551, 0.3375, 0.3477

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2263, 0.3852, 0.3795 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(207, 169, 129)` looks like.

```
.text, #text, p{  
    color:rgb(207, 169, 129)  
}
```

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(207, 169, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 169, 129) }
```

Border

The CSS property to change the border of an element to Yxy 43.2263, 0.3852, 0.3795 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(207, 169, 129) }
```

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

```
.border{ border-color:rgb(207, 169, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 169, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 169, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 169, 129);  
box-shadow:4px 4px 4px 4px rgb(207, 169,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2263, 0.3852, 0.3795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 169, 129) }
```

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

```
.background{ background-color: rgb(207,  
169, 129) }
```

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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