

Converting Colors

$Y_{xy}(40.3100, 0.3859, 0.3697)$

Have a look what the booklet for
Yxy(40.3100, 0.3859, 0.3697)
contains.

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Color

Yxy(40.4315, 0.3856, 0.3700)

Conversions

Conversions Part 1

Format	Color
Hex	CDA282
RGB	205, 162, 130
RGB Percent	80%, 64%, 51%
CMY	0.1959, 0.3648, 0.4901
CMYK	0.00, 0.21, 0.37, 0.20
HSL	26°, 43%, 66%
HSV	26°, 37%, 80%
XYZ	42.1362, 40.4315, 26.7066
YIQ	171.2090, 35.9000, -0.8360

Conversions

Conversions Part 2

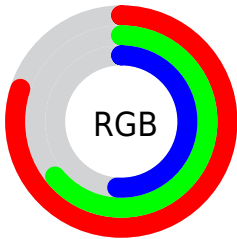
Format	Color
R _Y B	205, 186, 130
Decimal	13476482
CIE Lab	69.78, 11.53, 22.70
CIE LCh	70, 25.454, 63.076
Yxy	40.4315, 0.3856, 0.3700
Android (android.graphics.Color)	4291666562 (0xFFCDA282)
YUV	171.2090, -20.3160, 29.6347
Hunter-Lab	63.5858, 7.0109, 19.6077

Details

The Yxy color **40.4315, 0.3856, 0.3700** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **39.0715, 0.2555, 0.2837**, and the grayscale version is **40.9287, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.3046, 0.3655, 0.3640**, and **18.1206, 0.4079, 0.3807** is the 20% darker color. If you saturate the color by 10%, you get **35.9834, 0.4122, 0.3811**, and if you desaturate by 10%, it is **45.3811, 0.3619, 0.3584**.

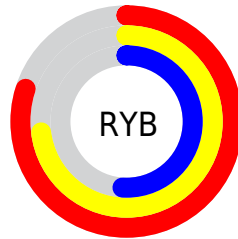
Distribution



Red (80%)

Green (64%)

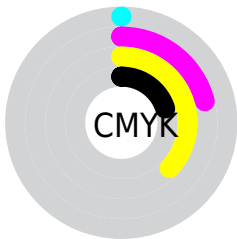
Blue (51%)



Red (80%)

Yellow (73%)

Blue (51%)

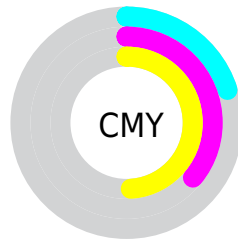


Cyan (0%)

Magenta (21%)

Yellow (37%)

Black (20%)



Cyan (20%)


Magenta (36%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.4315, 0.3856, 0.3700 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 40.4315, 0.3856, 0.3700 by changing the saturation by 10% instead.


 40.4315, 0.3856,
0.3700

 40.4315, 0.3856,
0.3700


347.9389, 0.3481,
0.3501

 27.8751, 0.3952,
0.3747


 75.8201, 0.3718,
0.3629

 18.2316, 0.4075,
0.3805


 99.4212, 0.3667,
0.3602

 11.1164, 0.4241,
0.3877


 127.4726, 0.3624,
0.3579

 6.1452, 0.4471,
0.3967

160.3588, 0.3587,
0.3559

 2.9335, 0.4813,
0.4079

198.4641, 0.3555,
0.3542

 1.0971, 0.5610,
0.4390

242.1730, 0.3527,

 0.0000, 1.0000,

0.3526

0.0000

291.8698, 0.3503,
0.3513

0.0000, 0.0000,
0.0000

40.4315, 0.3856,
0.3700

40.4315, 0.3856,
0.3700

35.9834, 0.4122,
0.3811

45.3811, 0.3619,
0.3584

32.0139, 0.4414,
0.3910

50.8426, 0.3412,
0.3469

28.5066, 0.4722,
0.3983

56.8333, 0.3232,
0.3359

25.4418, 0.5030,
0.4018

63.3680, 0.3077,
0.3256

22.7976, 0.5315,
0.4005

70.4606, 0.2944,
0.3160

■ 20.5489, 0.5557,
0.3937

■ 78.1246, 0.2829,
0.3072

■ 19.8628, 0.5634,
0.3909

■ 85.1205, 0.2826,
0.3178

■ 91.7255, 0.2833,
0.3289

Harmonies

Analogous

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



40.4315, 0.3832, 0.3408



40.4315, 0.3856, 0.3700



40.4315, 0.3674, 0.3909

Triad

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



40.4315, 0.3856, 0.3700



40.4315, 0.2659, 0.3464



40.4315, 0.2875, 0.2708

Complementary

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



40.4315, 0.3856, 0.3700



39.0715, 0.2555, 0.2837

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.



40.4315, 0.2588, 0.2693



40.4315, 0.3856, 0.3700



40.4315, 0.2469, 0.3105

Square

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



40.4315, 0.3856, 0.3700



40.4315, 0.2978, 0.3789



40.4315, 0.2445, 0.2829



40.4315, 0.3247, 0.2857

Rectangle

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



40.4315, 0.3856, 0.3700



40.4315, 0.3468, 0.3961



40.4315, 0.2445, 0.2829



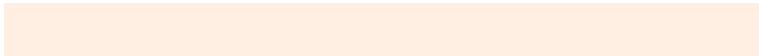
40.4315, 0.2766, 0.2687

Sweetspot

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



40.4334, 0.3856, 0.3700



88.4795, 0.3310, 0.3408



32.0018, 0.3494, 0.2741



18.6506, 0.3335, 0.3423



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.



40.4334, 0.3856, 0.3700



60.3295, 0.4066, 0.3790



55.3486, 0.3697, 0.4126



11.9865, 0.3280, 0.3389



12.5397, 0.5609, 0.3928



0.7964, 0.5266, 0.4201

Inverse Universe

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



39.0715, 0.2555, 0.2837



57.7588, 0.2433, 0.2718



26.8402, 0.2478, 0.2287



11.8950, 0.2983, 0.3189



10.9499, 0.1845, 0.1843



0.7135, 0.1932, 0.2154

Previews

White Background



This preview shows how the Yxy color 40.4315, 0.3856, 0.3700 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 40.4315, 0.3856, 0.3700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

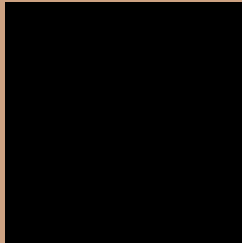
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.4315, 0.3856, 0.3700

Background



This preview shows how black text looks on a background with the Yxy color 40.4315, 0.3856, 0.3700.



This preview shows how white text looks on a background with the Yxy color 40.4315, 0.3856, 0.3700.

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

40.4315, 0.3856, 0.3700

Protanopia

40.4158, 0.3557, 0.3786

Deuteranopia

40.5801, 0.3806, 0.3732



Tritanopia

40.5338, 0.3528, 0.3142

Trichromacy



Original Color

40.4315, 0.3856, 0.3700

Protanomaly

40.2780, 0.3656, 0.3748

Deuteranomaly

40.3626, 0.3821, 0.3718

Tritanomaly

40.5727, 0.3651, 0.3342

Monochromacy



Original Color

40.4315, 0.3856, 0.3700

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.4728, 0.3373, 0.3454

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.4315, 0.3856, 0.3700 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(205, 162, 130)` looks like.

```
.text, #text, p{  
    color:rgb(205, 162, 130)  
}
```

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(205, 162, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 162, 130) }
```

Border

The CSS property to change the border of an element to Yxy 40.4315, 0.3856, 0.3700 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(205, 162, 130) }
```

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

```
.border{ border-color:rgb(205, 162, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 162, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 162, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 162, 130);  
box-shadow:4px 4px 4px 4px rgb(205, 162,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 40.4315, 0.3856, 0.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 162, 130) }
```

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

```
.background{ background-color: rgb(205,  
162, 130) }
```

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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