

Converting Colors

$Y_{xy}(40.9225, 0.3792, 0.3729)$

Have a look what the booklet for
Yxy(40.9225, 0.3792, 0.3729)
contains.

Yxy(40.9665, 0.3793, 0.3731)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(40.9665, 0.3793, 0.3731)

Conversions

Conversions Part 1

Format	Color
Hex	C9A583
RGB	201, 165, 131
RGB Percent	79%, 65%, 51%
CMY	0.2116, 0.3530, 0.4863
CMYK	0.00, 0.18, 0.35, 0.21
HSL	29°, 39%, 65%
HSV	29°, 35%, 79%
XYZ	41.6473, 40.9665, 27.1866
YIQ	171.8880, 32.3700, -2.9420

Conversions

Conversions Part 2

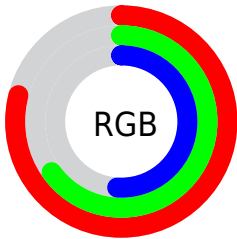
Format	Color
RYB	201, 197, 131
Decimal	13215107
CIELab	70.15, 8.42, 22.60
CIELCh	70, 24.118, 69.561
Yxy	40.9665, 0.3793, 0.3731
Android (android.graphics.Color)	4291405187 (0xFFC9A583)
YUV	171.8880, -20.1578, 25.5312
Hunter-Lab	64.0051, 4.1387, 19.6198

Details

The Yxy color **40.9665, 0.3793, 0.3731** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.7021, 0.2575, 0.2801**, and the grayscale version is **41.2896, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.9071, 0.3639, 0.3660**, and **18.5153, 0.4001, 0.3849** is the 20% darker color. If you saturate the color by 10%, you get **36.8920, 0.4040, 0.3859**, and if you desaturate by 10%, it is **45.4526, 0.3571, 0.3600**.

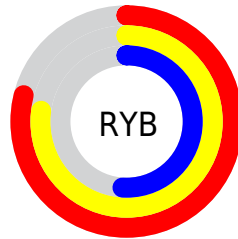
Distribution



Red (79%)

Green (65%)

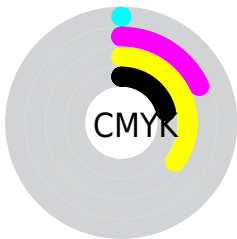
Blue (51%)



Red (79%)

Yellow (77%)

Blue (51%)

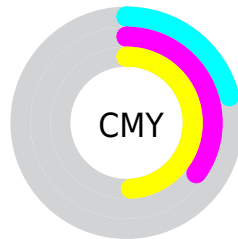


Cyan (0%)

Magenta (18%)

Yellow (35%)

Black (21%)



Cyan (21%)


Magenta (35%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9665, 0.3793, 0.3731 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 40.9665, 0.3793, 0.3731 by changing the saturation by 10% instead.


 40.9665, 0.3793,
0.3731


 40.9665, 0.3793,
0.3731


350.1806, 0.3452,
0.3514


 28.2929, 0.3880,
0.3783


 76.6330, 0.3668,
0.3653

 18.5466, 0.3991,
0.3848


 100.3948, 0.3621,
0.3624

 11.3431, 0.4140,
0.3931


 128.6213, 0.3582,
0.3599

 6.2981, 0.4347,
0.4039

161.6972, 0.3548,
0.3577

 3.0272, 0.4650,
0.4178

200.0066, 0.3519,
0.3558

 1.1459, 0.5412,
0.4588

243.9340, 0.3494,

 0.0169, 0.9292,

0.3542

0.0708

293.8639, 0.3472,
0.3527

0.0000, 0.0000,
0.0000

40.9665, 0.3793,
0.3731

40.9665, 0.3793,
0.3731

36.8920, 0.4040,
0.3859

45.4526, 0.3571,
0.3600

33.2103, 0.4307,
0.3974

50.3572, 0.3375,
0.3471

29.9089, 0.4587,
0.4066


55.6941, 0.3202,
0.3347


26.9728, 0.4867,
0.4122


61.4746, 0.3052,
0.3231

24.3849, 0.5128,
0.4131


67.7095, 0.2922,
0.3124


 22.1263, 0.5353,
0.4085

 74.4095, 0.2809,
0.3025

 21.0754, 0.5459,
0.4048

 80.4595, 0.2798,
0.3103

 86.6403, 0.2806,
0.3213

 91.1629, 0.2811,
0.3289

Harmonies

Analogous

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



40.9665, 0.3814, 0.3466



40.9665, 0.3793, 0.3731



40.9665, 0.3587, 0.3898

Triad

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



40.9665, 0.3793, 0.3731



40.9665, 0.2634, 0.3380



40.9665, 0.2961, 0.2759

Complementary

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



40.9665, 0.3793, 0.3731



36.7021, 0.2575, 0.2801

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.



40.9665, 0.2666, 0.2716



40.9665, 0.3793, 0.3731



40.9665, 0.2486, 0.3051

Square

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



40.9665, 0.3793, 0.3731



40.9665, 0.2915, 0.3702



40.9665, 0.2498, 0.2815



40.9665, 0.3319, 0.2924

Rectangle

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



40.9665, 0.3793, 0.3731



40.9665, 0.3378, 0.3919



40.9665, 0.2498, 0.2815



40.9665, 0.2852, 0.2730

Sweetspot

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



40.9684, 0.3793, 0.3731



90.3745, 0.3291, 0.3412



31.4541, 0.3522, 0.2826



19.0676, 0.3316, 0.3430



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.



40.9684, 0.3793, 0.3731



64.6439, 0.3982, 0.3831



55.3109, 0.3651, 0.4137



11.4722, 0.3278, 0.3402



13.4277, 0.5436, 0.4065



0.7807, 0.5110, 0.4324

Inverse Universe

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



36.7021, 0.2575, 0.2801



56.2320, 0.2451, 0.2670



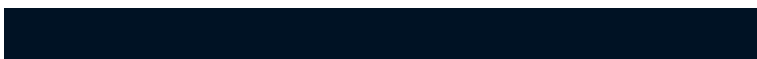
25.5941, 0.2505, 0.2275



11.1753, 0.2983, 0.3175



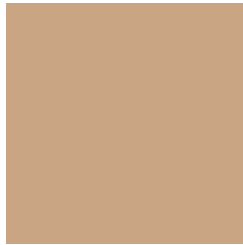
8.9931, 0.1790, 0.1642



0.5705, 0.1893, 0.2013

Previews

White Background



This preview shows how the Yxy color 40.9665, 0.3793, 0.3731 looks on a white background.

Color Contrast Check

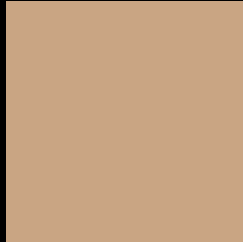
Large Text (above 18pt) WCAG AA × Fail

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 40.9665, 0.3793, 0.3731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

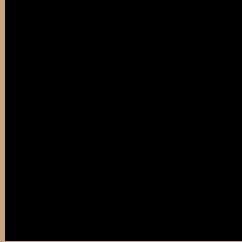
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.9665, 0.3793, 0.3731

Background



This preview shows how black text looks on a background with the Yxy color 40.9665, 0.3793, 0.3731.



This preview shows how white text looks on a background with the Yxy color 40.9665, 0.3793, 0.3731.

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

40.9665, 0.3793, 0.3731

Protanopia

40.9143, 0.3564, 0.3798

Deuteranopia

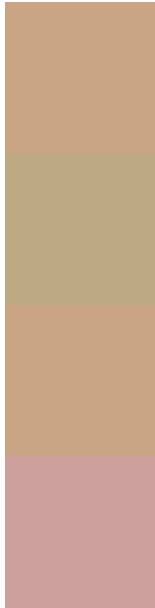
41.1055, 0.3803, 0.3730



Tritanopia

40.7540, 0.3455, 0.3128

Trichromacy



Original Color

40.9665, 0.3793, 0.3731

Protanomaly

41.0165, 0.3649, 0.3774

Deuteranomaly

41.1055, 0.3803, 0.3730

Tritanomaly

40.7614, 0.3586, 0.3342

Monochromacy



Original Color

40.9665, 0.3793, 0.3731

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.8775, 0.3363, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9665, 0.3793, 0.3731 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(201, 165, 131)` looks like.

```
.text, #text, p{  
    color:rgb(201, 165, 131)  
}
```

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(201, 165, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 165, 131) }
```

Border

The CSS property to change the border of an element to Yxy 40.9665, 0.3793, 0.3731 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(201, 165, 131) }
```

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

```
.border{ border-color:rgb(201, 165, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 165, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 165, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 165, 131); box-shadow:4px 4px 4px 4px rgb(201, 165, 131) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9665, 0.3793, 0.3731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 165, 131) }
```

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

```
.background{ background-color: rgb(201,  
165, 131) }
```

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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