

Converting Colors

$Yxy(41.7347, 0.3751, 0.3755)$

Have a look what the booklet for
Yxy(41.7347, 0.3751, 0.3755)
contains.

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Color

Yxy(41.8133, 0.3751, 0.3759)

Conversions

Conversions Part 1

Format	Color
Hex	C7A884
RGB	199, 168, 132
RGB Percent	78%, 66%, 52%
CMY	0.2195, 0.3412, 0.4824
CMYK	0.00, 0.16, 0.34, 0.22
HSL	32°, 37%, 65%
HSV	32°, 34%, 78%
XYZ	41.7243, 41.8133, 27.6976
YIQ	173.1650, 30.0320, -4.6240

Conversions

Conversions Part 2

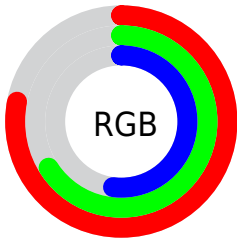
Format	Color
R _Y B	190, 199, 132
Decimal	13084804
CIE Lab	70.74, 6.11, 22.83
CIE LCh	71, 23.636, 75.007
Yxy	41.8133, 0.3751, 0.3759
Android (android.graphics.Color)	4291274884 (0xFFC7A884)
YUV	173.1650, -20.2943, 22.6573
Hunter-Lab	64.6632, 2.0176, 19.8682

Details

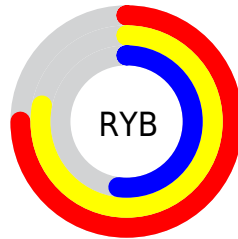
The Yxy color **41.8133, 0.3751, 0.3759** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **35.2288, 0.2587, 0.2768**, and the grayscale version is **41.9733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5381, 0.3624, 0.3679**, and **19.0293, 0.3938, 0.3888** is the 20% darker color. If you saturate the color by 10%, you get **38.0398, 0.3983, 0.3900**, and if you desaturate by 10%, it is **45.9355, 0.3540, 0.3615**.

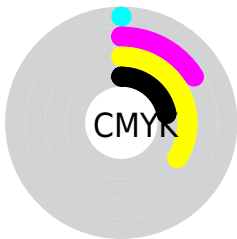
Distribution



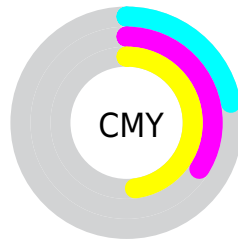
- Red (78%)
- Green (66%)
- Blue (52%)



- Red (75%)
- Yellow (78%)
- Blue (52%)



- Cyan (0%)
- Magenta (16%)
- Yellow (34%)
- Black (22%)





- Cyan (22%)
- Magenta (34%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.8133, 0.3751, 0.3759 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 41.8133, 0.3751, 0.3759 by changing the saturation by 10% instead.


 41.8133, 0.3751,
0.3759


 41.8133, 0.3751,
0.3759


353.7084, 0.3433,
0.3527


 28.9551, 0.3831,
0.3815


 77.9170, 0.3635,
0.3676

 19.0469, 0.3934,
0.3886

 101.9313, 0.3591,
0.3644

 11.7042, 0.4071,
0.3978


 130.4331, 0.3555,
0.3617

 6.5426, 0.4260,
0.4098

163.8068, 0.3523,
0.3594

 3.1777, 0.4533,
0.4256

202.4368, 0.3496,
0.3574

 1.2252, 0.5260,
0.4740

246.7074, 0.3473,

 0.0821, 0.7346,

0.3556

0.2654

297.0032, 0.3452,
0.3541

0.0000, 0.0000,
0.0000

41.8133, 0.3751,
0.3759

41.8133, 0.3751,
0.3759

38.0398, 0.3983,
0.3900

45.9355, 0.3540,
0.3615

34.5985, 0.4232,
0.4029

50.4110, 0.3351,
0.3473

31.4794, 0.4490,
0.4136

55.2513, 0.3184,
0.3338

28.6702, 0.4745,
0.4209

60.4659, 0.3036,
0.3211

26.1567, 0.4983,
0.4235

66.0635, 0.2908,
0.3092

■ 23.9232, 0.5189,
0.4208

■ 72.0529, 0.2795,
0.2984

■ 22.6415, 0.5305,
0.4170

■ 77.3470, 0.2782,
0.3048

■ 82.6837, 0.2789,
0.3148

■ 88.2965, 0.2797,
0.3246

Harmonies

Analogous

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



41.8133, 0.3807, 0.3513



41.8133, 0.3751, 0.3759



41.8133, 0.3524, 0.3896

Triad

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



41.8133, 0.3751, 0.3759



41.8133, 0.2610, 0.3317



41.8133, 0.3027, 0.2793

Complementary

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



41.8133, 0.3751, 0.3759



35.2288, 0.2587, 0.2768

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.



41.8133, 0.2723, 0.2728



41.8133, 0.3751, 0.3759



41.8133, 0.2492, 0.3008

Square

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



41.8133, 0.3751, 0.3759



41.8133, 0.2864, 0.3640



41.8133, 0.2532, 0.2799



41.8133, 0.3376, 0.2973

Rectangle

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



41.8133, 0.3751, 0.3759



41.8133, 0.3312, 0.3892



41.8133, 0.2532, 0.2799



41.8133, 0.2917, 0.2758

Sweetspot

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



41.8152, 0.3751, 0.3759



91.1648, 0.3289, 0.3425



31.2992, 0.3542, 0.2884



19.2587, 0.3314, 0.3444



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.



41.8152, 0.3751, 0.3759



68.5701, 0.3909, 0.3857



54.3641, 0.3610, 0.4127



11.5648, 0.3276, 0.3414



14.7325, 0.5286, 0.4185



0.8415, 0.4998, 0.4413

Inverse Universe

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



35.2288, 0.2587, 0.2768



55.3974, 0.2473, 0.2640



25.7114, 0.2546, 0.2303



11.0830, 0.2983, 0.3163



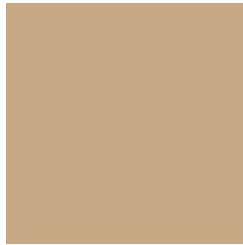
7.7563, 0.1742, 0.1472



0.5118, 0.1853, 0.1871

Previews

White Background



This preview shows how the Yxy color 41.8133, 0.3751, 0.3759 looks on a white background.

Color Contrast Check

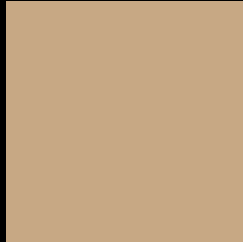
Large Text (above 18pt) WCAG AA × Fail

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 41.8133, 0.3751, 0.3759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

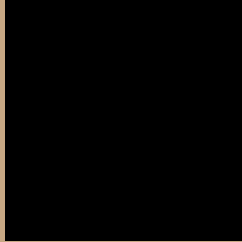
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.8133, 0.3751, 0.3759

Background



This preview shows how black text looks on a background with the Yxy color 41.8133, 0.3751, 0.3759.



This preview shows how white text looks on a background with the Yxy color 41.8133, 0.3751, 0.3759.

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

41.8133, 0.3751, 0.3759

Protanopia

41.9227, 0.3577, 0.3820

Deuteranopia

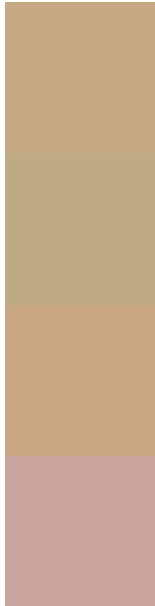
41.7757, 0.3809, 0.3726



Tritanopia

41.7732, 0.3411, 0.3128

Trichromacy



Original Color

41.8133, 0.3751, 0.3759

Protanomaly

41.7664, 0.3641, 0.3799

Deuteranomaly

41.8599, 0.3785, 0.3742

Tritanomaly

41.6107, 0.3539, 0.3355

Monochromacy



Original Color

41.8133, 0.3751, 0.3759

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.5395, 0.3340, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8133, 0.3751, 0.3759 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(199, 168, 132)` looks like.

```
.text, #text, p{  
    color:rgb(199, 168, 132)  
}
```

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(199, 168, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 168, 132) }
```

Border

The CSS property to change the border of an element to Yxy 41.8133, 0.3751, 0.3759 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(199, 168, 132) }
```

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

```
.border{ border-color:rgb(199, 168, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 168, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 168, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 168, 132);  
box-shadow:4px 4px 4px 4px rgb(199, 168,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8133, 0.3751, 0.3759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 168, 132) }
```

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

```
.background{ background-color: rgb(199,  
168, 132) }
```

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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