

Converting Colors

$Y_{xy}(41.1391, 0.3850, 0.3779)$

Have a look what the booklet for
Yxy(41.1391, 0.3850, 0.3779)
contains.

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Color

Yxy(41.1391, 0.3850, 0.3779)

Conversions

Conversions Part 1

Format	Color
Hex	CBA57F
RGB	203, 165, 127
RGB Percent	80%, 65%, 50%
CMY	0.2040, 0.3529, 0.5019
CMYK	0.00, 0.19, 0.37, 0.20
HSL	30°, 42%, 65%
HSV	30°, 37%, 80%
XYZ	41.9120, 41.1391, 25.8113
YIQ	172.0300, 34.8460, -3.7620

Conversions

Conversions Part 2

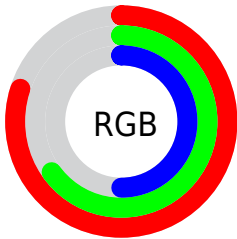
Format	Color
R_{YB}	203, 203, 127
Decimal	13346175
CIE _{Lab}	70.27, 8.70, 24.97
CIE _{LCh}	70, 26.442, 70.780
Yxy	41.1391, 0.3850, 0.3779
Android (android.graphics.Color)	4291536255 (0xFFCBA57F)
YUV	172.0300, -22.1998, 27.1607
Hunter-Lab	64.1398, 4.3959, 21.0382

Details

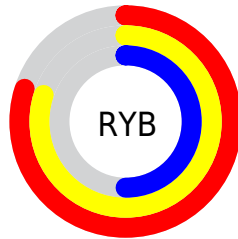
The Yxy color **41.1391, 0.3850, 0.3779** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **35.7270, 0.2530, 0.2741**, and the grayscale version is **41.3728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.7417, 0.3668, 0.3701**, and **18.5491, 0.4066, 0.3912** is the 20% darker color. If you saturate the color by 10%, you get **37.1477, 0.4099, 0.3908**, and if you desaturate by 10%, it is **45.5314, 0.3624, 0.3644**.

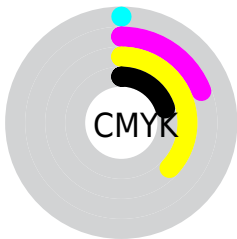
Distribution



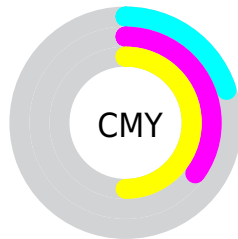
- Red (80%)
- Green (65%)
- Blue (50%)



- Red (80%)
- Yellow (80%)
- Blue (50%)



- Cyan (0%)
- Magenta (19%)
- Yellow (37%)
- Black (20%)





- Cyan (20%)
- Magenta (35%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1391, 0.3850, 0.3779 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 41.1391, 0.3850, 0.3779 by changing the saturation by 10% instead.


 41.1391, 0.3850,
0.3779


 41.1391, 0.3850,
0.3779


350.9016, 0.3481,
0.3539

 28.4278, 0.3943,
0.3836


 76.8950, 0.3715,
0.3694

 18.6484, 0.4063,
0.3907


 100.7084, 0.3664,
0.3661

 11.4165, 0.4222,
0.3996


 128.9913, 0.3622,
0.3633

 6.3477, 0.4440,
0.4109

162.1280, 0.3585,
0.3609

 3.0576, 0.4765,
0.4262

200.5030, 0.3554,
0.3588

 1.1619, 0.5427,
0.4573

244.5007, 0.3526,

 0.0303, 0.8886,

0.3570

0.1114

294.5054, 0.3502,
0.3554

0.0000, 0.0000,
0.0000

41.1391, 0.3850,
0.3779

41.1391, 0.3850,
0.3779

37.1477, 0.4099,
0.3908

45.5314, 0.3624,
0.3644

33.5382, 0.4366,
0.4022

50.3311, 0.3422,
0.3510

30.2985, 0.4641,
0.4109

55.5519, 0.3245,
0.3381

27.4133, 0.4910,
0.4157

61.2050, 0.3089,
0.3260

24.8656, 0.5156,
0.4155

67.3012, 0.2954,
0.3146

■ 22.6344, 0.5365,
0.4100

■ 73.8506, 0.2836,
0.3042

■ 22.1057, 0.5416,
0.4082

■ 79.9220, 0.2808,
0.3088

■ 85.9321, 0.2815,
0.3197

■ 91.4347, 0.2821,
0.3289

Harmonies

Analogous

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



41.1391, 0.3884, 0.3491



41.1391, 0.3850, 0.3779



41.1391, 0.3616, 0.3960

Triad

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



41.1391, 0.3850, 0.3779



41.1391, 0.2579, 0.3372



41.1391, 0.2960, 0.2718

Complementary

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



41.1391, 0.3850, 0.3779



35.7270, 0.2530, 0.2741

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.



41.1391, 0.2635, 0.2664



41.1391, 0.3850, 0.3779



41.1391, 0.2426, 0.3013

Square

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



41.1391, 0.3850, 0.3779



41.1391, 0.2879, 0.3731



41.1391, 0.2446, 0.2763



41.1391, 0.3351, 0.2902

Rectangle

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



41.1391, 0.3850, 0.3779



41.1391, 0.3385, 0.3980



41.1391, 0.2446, 0.2763



41.1391, 0.2840, 0.2684

Sweetspot

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



41.1410, 0.3850, 0.3779



89.7023, 0.3308, 0.3428



30.5910, 0.3577, 0.2805



18.9416, 0.3332, 0.3446



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.



41.1410, 0.3850, 0.3779



63.3878, 0.4052, 0.3885



56.9328, 0.3684, 0.4211



12.1253, 0.3278, 0.3406



14.2522, 0.5395, 0.4099



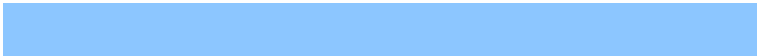
0.8871, 0.5099, 0.4334

Inverse Universe

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



35.7270, 0.2530, 0.2741



53.0241, 0.2399, 0.2595



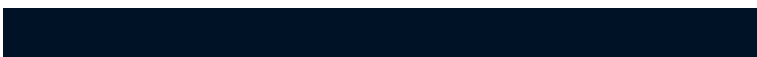
24.0034, 0.2447, 0.2166



11.7549, 0.2983, 0.3171



8.9066, 0.1775, 0.1590



0.6113, 0.1874, 0.1946

Previews

White Background



This preview shows how the Yxy color 41.1391, 0.3850, 0.3779 looks on a white background.

Color Contrast Check

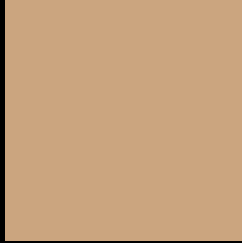
Large Text (above 18pt) WCAG AA × Fail

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 41.1391, 0.3850, 0.3779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

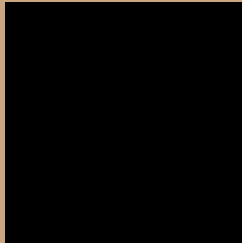
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1391, 0.3850, 0.3779

Background



This preview shows how black text looks on a background with the Yxy color 41.1391, 0.3850, 0.3779.



This preview shows how white text looks on a background with the Yxy color 41.1391, 0.3850, 0.3779.

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

41.1391, 0.3850, 0.3779

Protanopia

41.3071, 0.3606, 0.3863

Deuteranopia

41.1391, 0.3850, 0.3779



Tritanopia

41.1464, 0.3494, 0.3142

Trichromacy



Original Color

41.1391, 0.3850, 0.3779

Protanomaly

41.0373, 0.3695, 0.3825

Deuteranomaly

41.1391, 0.3850, 0.3779

Tritanomaly

40.9781, 0.3625, 0.3367

Monochromacy



Original Color

41.1391, 0.3850, 0.3779

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.8435, 0.3371, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1391, 0.3850, 0.3779 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(203, 165, 127)` looks like.

```
.text, #text, p{  
    color:rgb(203, 165, 127)  
}
```

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(203, 165, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 165, 127) }
```

Border

The CSS property to change the border of an element to Yxy 41.1391, 0.3850, 0.3779 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(203, 165, 127) }
```

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

```
.border{ border-color:rgb(203, 165, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 165, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 165, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 165, 127);  
box-shadow:4px 4px 4px 4px rgb(203, 165,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1391, 0.3850, 0.3779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 165, 127) }
```

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

```
.background{ background-color: rgb(203,  
165, 127) }
```

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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