

Converting Colors

$Y_{xy}(41.6785, 0.3791, 0.3817)$

Have a look what the booklet for
Yxy(41.6785, 0.3791, 0.3817)
contains.

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Color

Yxy(41.7059, 0.3787, 0.3811)

Conversions

Conversions Part 1

Format	Color
Hex	C7A880
RGB	199, 168, 128
RGB Percent	78%, 66%, 50%
CMY	0.2198, 0.3411, 0.4980
CMYK	0.00, 0.16, 0.36, 0.22
HSL	34°, 39%, 64%
HSV	34°, 36%, 78%
XYZ	41.4433, 41.7059, 26.2864
YIQ	172.7090, 31.3160, -5.8680

Conversions

Conversions Part 2

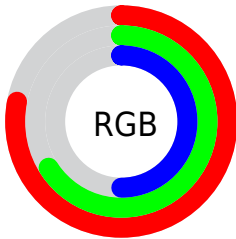
Format	Color
RYB	183, 199, 128
Decimal	13084800
CIELab	70.67, 5.58, 24.89
CIELCh	71, 25.511, 77.365
Yxy	41.7059, 0.3787, 0.3811
Android (android.graphics.Color)	4291274880 (0xFFC7A880)
YUV	172.7090, -22.0415, 23.0572
Hunter-Lab	64.5801, 1.5343, 21.0729

Details

The Yxy color **41.7059, 0.3787, 0.3811** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.4834, 0.2550, 0.2703**, and the grayscale version is **41.7346, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.3715, 0.3653, 0.3720**, and **18.9701, 0.3988, 0.3956** is the 20% darker color. If you saturate the color by 10%, you get **38.1372, 0.4016, 0.3957**, and if you desaturate by 10%, it is **45.5949, 0.3576, 0.3660**.

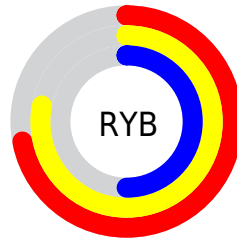
Distribution



Red (78%)

Green (66%)

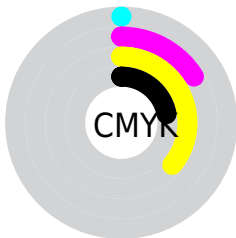
Blue (50%)



Red (72%)

Yellow (78%)

Blue (50%)

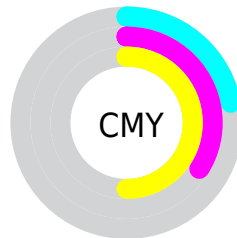


Cyan (0%)

Magenta (16%)

Yellow (36%)

Black (22%)



Cyan (22%)


Magenta (34%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7059, 0.3787, 0.3811 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 41.7059, 0.3787, 0.3811 by changing the saturation by 10% instead.


 41.7059, 0.3787,
0.3811


 41.7059, 0.3787,
0.3811


353.2623, 0.3452,
0.3553

 28.8711, 0.3871,
0.3873


 77.7543, 0.3664,
0.3718

 18.9833, 0.3979,
0.3952


 101.7367, 0.3619,
0.3683

 11.6582, 0.4122,
0.4052


 130.2037, 0.3580,
0.3653

 6.5114, 0.4316,
0.4183

163.5398, 0.3547,
0.3628

 3.1585, 0.4601,
0.4362

202.1293, 0.3518,
0.3605

 1.2150, 0.5228,
0.4772

246.3566, 0.3493,

 0.0739, 0.7364,

0.3586

0.2636

296.6062, 0.3471,
0.3568

0.0000, 0.0000,
0.0000

41.7059, 0.3787,
0.3811

41.7059, 0.3787,
0.3811

38.1372, 0.4016,
0.3957

45.5949, 0.3576,
0.3660

34.8728, 0.4259,
0.4089

49.8078, 0.3385,
0.3511

31.9036, 0.4506,
0.4196


54.3557, 0.3215,
0.3368

29.2179, 0.4747,
0.4265


59.2473, 0.3064,
0.3232


26.8023, 0.4966,
0.4287


64.4906, 0.2932,
0.3106


 24.6413, 0.5152,
0.4255

 70.0938, 0.2815,
0.2990

 23.7733, 0.5227,
0.4232

 75.2489, 0.2779,
0.3007

 80.1621, 0.2786,
0.3102

 85.3183, 0.2793,
0.3195

Harmonies

Analogous

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



41.7059, 0.3865, 0.3551



41.7059, 0.3787, 0.3811



41.7059, 0.3529, 0.3949

Triad

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



41.7059, 0.3787, 0.3811



41.7059, 0.2554, 0.3289



41.7059, 0.3047, 0.2768

Complementary

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



41.7059, 0.3787, 0.3811



33.4834, 0.2550, 0.2703

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.



41.7059, 0.2713, 0.2687



41.7059, 0.3787, 0.3811



41.7059, 0.2441, 0.2961

Square

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



41.7059, 0.3787, 0.3811



41.7059, 0.2816, 0.3644



41.7059, 0.2498, 0.2749



41.7059, 0.3424, 0.2968

Rectangle

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



41.7059, 0.3787, 0.3811



41.7059, 0.3296, 0.3937



41.7059, 0.2498, 0.2749



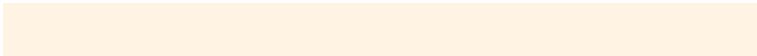
41.7059, 0.2927, 0.2726

Sweetspot

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



41.7078, 0.3787, 0.3811



90.7678, 0.3306, 0.3446



30.1094, 0.3589, 0.2874



19.1955, 0.3330, 0.3466



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.



41.7078, 0.3787, 0.3811



68.0368, 0.3968, 0.3928



54.0417, 0.3628, 0.4178



11.6129, 0.3276, 0.3420



15.4711, 0.5209, 0.4246



0.8748, 0.4942, 0.4458

Inverse Universe

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



33.4834, 0.2550, 0.2703



51.4788, 0.2416, 0.2544



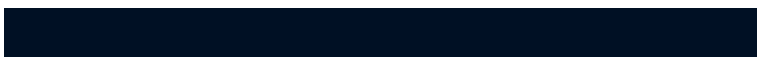
24.4281, 0.2516, 0.2238



11.0355, 0.2983, 0.3156



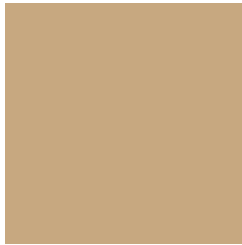
7.1767, 0.1719, 0.1387



0.4833, 0.1833, 0.1798

Previews

White Background



This preview shows how the Yxy color 41.7059, 0.3787, 0.3811 looks on a white background.

Color Contrast Check

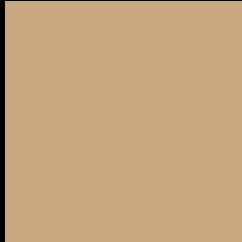
Large Text (above 18pt) WCAG AA × Fail

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 41.7059, 0.3787, 0.3811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

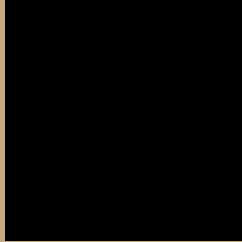
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.7059, 0.3787, 0.3811

Background



This preview shows how black text looks on a background with the Yxy color 41.7059, 0.3787, 0.3811.



This preview shows how white text looks on a background with the Yxy color 41.7059, 0.3787, 0.3811.

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

41.7059, 0.3787, 0.3811

Protanopia

41.8131, 0.3612, 0.3874

Deuteranopia

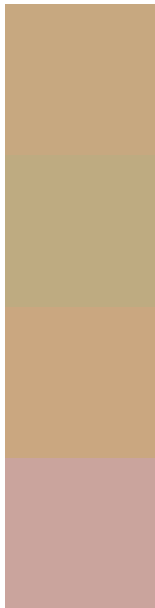
41.6683, 0.3846, 0.3777



Tritanopia

41.7340, 0.3421, 0.3140

Trichromacy



Original Color

41.7059, 0.3787, 0.3811

Protanomaly

41.6579, 0.3677, 0.3852

Deuteranomaly

41.7525, 0.3822, 0.3793

Tritanomaly

41.5418, 0.3558, 0.3381

Monochromacy



Original Color

41.7059, 0.3787, 0.3811

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.5052, 0.3349, 0.3481

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7059, 0.3787, 0.3811 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(199, 168, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 168, 128) }
```

Border

The CSS property to change the border of an element to Yxy 41.7059, 0.3787, 0.3811 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, 128) }
```

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

```
.border{ border-color:rgb(199, 168, 128) }
```

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, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 168, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 168, 128); box-shadow:4px 4px 4px 4px rgb(199, 168, 128) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7059, 0.3787, 0.3811 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, 128) }
```

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

```
.background{ background-color: rgb(199,  
168, 128) }
```

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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