

Converting Colors

$Yxy(41.6741, 0.3767, 0.3735)$

Have a look what the booklet for
Yxy(41.6741, 0.3767, 0.3735)
contains.

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Color

Yxy(41.7484, 0.3765, 0.3730)

Conversions

Conversions Part 1

Format	Color
Hex	C9A785
RGB	201, 167, 133
RGB Percent	79%, 65%, 52%
CMY	0.2118, 0.3451, 0.4783
CMYK	0.00, 0.17, 0.34, 0.21
HSL	30°, 39%, 65%
HSV	30°, 34%, 79%
XYZ	42.1401, 41.7484, 28.0375
YIQ	173.2900, 31.1780, -3.3660

Conversions

Conversions Part 2

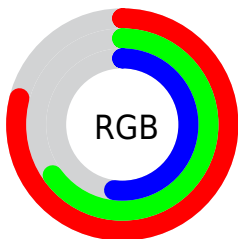
Format	Color
R _Y B	201, 201, 133
Decimal	13215621
CIE Lab	70.70, 7.57, 22.24
CIE LCh	71, 23.490, 71.209
Yxy	41.7484, 0.3765, 0.3730
Android (android.graphics.Color)	4291405701 (0xFFC9A785)
YUV	173.2900, -19.8630, 24.3017
Hunter-Lab	64.6130, 3.3437, 19.5014

Details

The Yxy color **41.7484, 0.3765, 0.3730** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.8498, 0.2589, 0.2803**, and the grayscale version is **42.0381, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0477, 0.3620, 0.3659**, and **18.9970, 0.3960, 0.3848** is the 20% darker color. If you saturate the color by 10%, you get **37.7056, 0.4006, 0.3862**, and if you desaturate by 10%, it is **46.1876, 0.3548, 0.3595**.

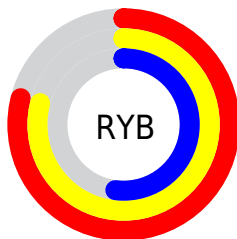
Distribution



Red (79%)

Green (65%)

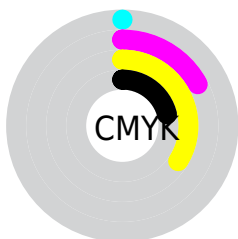
Blue (52%)



Red (79%)

Yellow (79%)

Blue (52%)

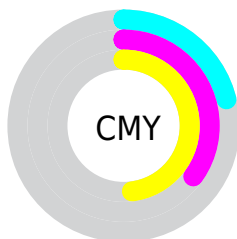


Cyan (0%)

Magenta (17%)

Yellow (34%)

Black (21%)



Cyan (21%)

Magenta (35%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7484, 0.3765, 0.3730 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 41.7484, 0.3765, 0.3730 by changing the saturation by 10% instead.

 41.7484, 0.3765,
0.3730


 41.7484, 0.3765,
0.3730


353.4389, 0.3440,
0.3513

 28.9043, 0.3847,
0.3782


 77.8187, 0.3646,
0.3652

 19.0085, 0.3954,
0.3848


 101.8137, 0.3601,
0.3623

 11.6764, 0.4095,
0.3932


 130.2945, 0.3564,
0.3598

 6.5237, 0.4291,
0.4041

163.6455, 0.3532,
0.3576

 3.1661, 0.4574,
0.4183

202.2510, 0.3504,
0.3557

 1.2190, 0.5350,
0.4650

246.4955, 0.3480,

 0.0772, 0.7698,

0.3541

0.2302

296.7633, 0.3459,
0.3526

■ 0.0000, 0.0000,
0.0000

■ 41.7484, 0.3765,
0.3730

■ 41.7484, 0.3765,
0.3730

■ 37.7056, 0.4006,
0.3862

■ 46.1876, 0.3548,
0.3595

■ 34.0410, 0.4267,
0.3982

■ 51.0294, 0.3355,
0.3463

■ 30.7430, 0.4540,
0.4081


■ 56.2869, 0.3186,
0.3336

■ 27.7972, 0.4814,
0.4145


■ 61.9709, 0.3038,
0.3218

■ 25.1877, 0.5070,
0.4162


■ 68.0916, 0.2909,
0.3108


 22.8963, 0.5293,
0.4125

 74.6592, 0.2798,
0.3006

 21.6231, 0.5416,
0.4082

 80.4176, 0.2798,
0.3102

 86.4144, 0.2805,
0.3209

 91.1567, 0.2811,
0.3289

Harmonies

Analogous

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



41.7484, 0.3796, 0.3477



41.7484, 0.3765, 0.3730



41.7484, 0.3558, 0.3884

Triad

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



41.7484, 0.3765, 0.3730



41.7484, 0.2638, 0.3359



41.7484, 0.2985, 0.2781

Complementary

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



41.7484, 0.3765, 0.3730



36.8498, 0.2589, 0.2803

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.



41.7484, 0.2693, 0.2732



41.7484, 0.3765, 0.3730



41.7484, 0.2502, 0.3044

Square

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



41.7484, 0.3765, 0.3730



41.7484, 0.2904, 0.3673



41.7484, 0.2522, 0.2821



41.7484, 0.3332, 0.2947

Rectangle

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



41.7484, 0.3765, 0.3730



41.7484, 0.3353, 0.3896



41.7484, 0.2522, 0.2821



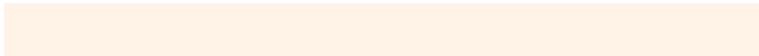
41.7484, 0.2878, 0.2750

Sweetspot

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



41.7503, 0.3765, 0.3730



90.5969, 0.3290, 0.3415



32.0323, 0.3507, 0.2840



19.1214, 0.3315, 0.3434



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.



41.7503, 0.3765, 0.3730



66.0539, 0.3950, 0.3833



55.3555, 0.3636, 0.4112



11.4983, 0.3277, 0.3406



13.7798, 0.5394, 0.4099



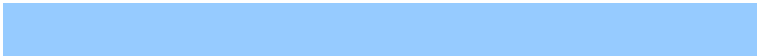
0.7973, 0.5078, 0.4350

Inverse Universe

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



36.8498, 0.2589, 0.2803



56.3336, 0.2464, 0.2669



26.3006, 0.2526, 0.2309



11.1492, 0.2983, 0.3172



8.6283, 0.1776, 0.1593



0.5534, 0.1881, 0.1973

Previews

White Background



This preview shows how the Yxy color 41.7484, 0.3765, 0.3730 looks on a white background.

Color Contrast Check

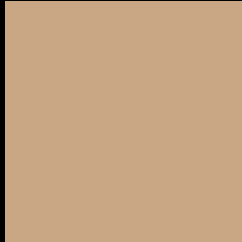
Large Text (above 18pt) WCAG AA × Fail

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 41.7484, 0.3765, 0.3730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

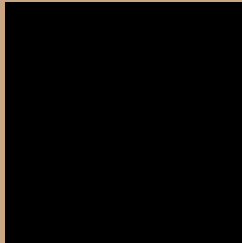
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.7484, 0.3765, 0.3730

Background



This preview shows how black text looks on a background with the Yxy color 41.7484, 0.3765, 0.3730.



This preview shows how white text looks on a background with the Yxy color 41.7484, 0.3765, 0.3730.

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

41.7484, 0.3765, 0.3730

Protanopia

41.8551, 0.3549, 0.3794

Deuteranopia

41.6624, 0.3789, 0.3715



Tritanopia

41.5249, 0.3432, 0.3128

Trichromacy



Original Color

41.7484, 0.3765, 0.3730

Protanomaly

41.8222, 0.3623, 0.3772

Deuteranomaly

41.5224, 0.3779, 0.3716

Tritanomaly

41.5350, 0.3561, 0.3342

Monochromacy



Original Color

41.7484, 0.3765, 0.3730

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.6617, 0.3350, 0.3466

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7484, 0.3765, 0.3730 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, 167, 133)` looks like.

```
.text, #text, p{  
    color:rgb(201, 167, 133)  
}
```

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, 167, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 167, 133) }
```

Border

The CSS property to change the border of an element to Yxy 41.7484, 0.3765, 0.3730 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, 167, 133) }
```

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

```
.border{ border-color:rgb(201, 167, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 167, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 167, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 167, 133);  
box-shadow:4px 4px 4px 4px rgb(201, 167,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7484, 0.3765, 0.3730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 167, 133) }
```

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

```
.background{ background-color: rgb(201,  
167, 133) }
```

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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