

Converting Colors

$Yxy(40.7911, 0.3947, 0.3831)$

Have a look what the booklet for
Yxy(40.7911, 0.3947, 0.3831)
contains.

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Color

Yxy(40.6967, 0.3946, 0.3824)

Conversions

Conversions Part 1

Format	Color
Hex	CEA379
RGB	206, 163, 121
RGB Percent	81%, 64%, 47%
CMY	0.1923, 0.3607, 0.5255
CMYK	0.00, 0.21, 0.41, 0.19
HSL	30°, 46%, 64%
HSV	30°, 41%, 81%
XYZ	41.9951, 40.6967, 23.7326
YIQ	171.0690, 39.1100, -3.9460

Conversions

Conversions Part 2

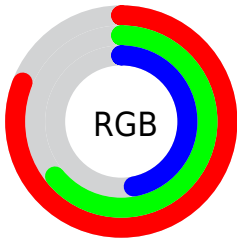
Format	Color
R _Y B	206, 204, 121
Decimal	13542265
CIE Lab	69.96, 10.29, 27.85
CIE LCh	70, 29.691, 69.715
Yxy	40.6967, 0.3946, 0.3824
Android (android.graphics.Color)	4291732345 (0xFFCEA379)
YUV	171.0690, -24.6840, 30.6345
Hunter-Lab	63.7940, 5.8657, 22.5987

Details

The Yxy color **40.6967, 0.3946, 0.3824** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **35.0539, 0.2469, 0.2680**, and the grayscale version is **40.8729, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4588, 0.3717, 0.3743**, and **18.3208, 0.4188, 0.3949** is the 20% darker color. If you saturate the color by 10%, you get **36.6991, 0.4205, 0.3947**, and if you desaturate by 10%, it is **45.1104, 0.3709, 0.3692**.

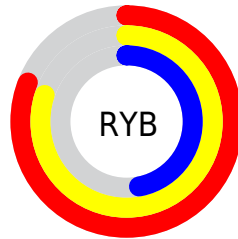
Distribution



Red (81%)

Green (64%)

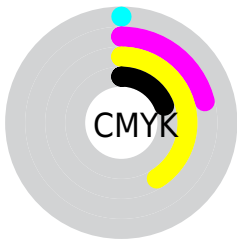
Blue (47%)



Red (81%)

Yellow (80%)

Blue (47%)

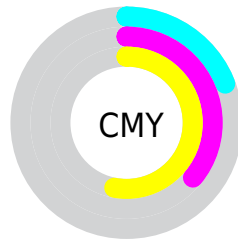


Cyan (0%)

Magenta (21%)

Yellow (41%)

Black (19%)



Cyan (19%)


Magenta (36%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6967, 0.3946, 0.3824 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 40.6967, 0.3946, 0.3824 by changing the saturation by 10% instead.


 40.6967, 0.3946,
0.3824


 40.6967, 0.3946,
0.3824


349.0514, 0.3528,
0.3565

 28.0822, 0.4051,
0.3884


 76.2233, 0.3793,
0.3733

 18.3876, 0.4186,
0.3958


 99.9041, 0.3736,
0.3697

 11.2286, 0.4363,
0.4050


 128.0425, 0.3688,
0.3667

 6.2208, 0.4603,
0.4161

161.0228, 0.3646,
0.3641

 2.9798, 0.4997,
0.4335

199.2294, 0.3611,
0.3618

 1.1212, 0.5531,
0.4469

243.0468, 0.3580,

 0.0000, 1.0000,

0.3598

0.0000

292.8593, 0.3552,
0.3580

0.0000, 0.0000,
0.0000

40.6967, 0.3946,
0.3824

40.6967, 0.3946,
0.3824

36.6991, 0.4205,
0.3947

45.1104, 0.3709,
0.3692

33.0977, 0.4478,
0.4051

49.9479, 0.3497,
0.3558

29.8791, 0.4756,
0.4124


55.2237, 0.3310,
0.3428


27.0265, 0.5021,
0.4152


60.9498, 0.3146,
0.3305

24.5212, 0.5257,
0.4127

67.1377, 0.3003,
0.3190

 22.5903, 0.5434,
0.4067

 73.7986, 0.2879,
0.3083

 80.2696, 0.2826,
0.3088

 86.4374, 0.2832,
0.3199

 91.8568, 0.2838,
0.3289

Harmonies

Analogous

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



40.6967, 0.3978, 0.3497



40.6967, 0.3946, 0.3824



40.6967, 0.3686, 0.4040

Triad

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



40.6967, 0.3946, 0.3824



40.6967, 0.2521, 0.3395



40.6967, 0.2923, 0.2647

Complementary

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



40.6967, 0.3946, 0.3824



35.0539, 0.2469, 0.2680

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.



40.6967, 0.2564, 0.2591



40.6967, 0.3946, 0.3824



40.6967, 0.2346, 0.2987

Square

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



40.6967, 0.3946, 0.3824



40.6967, 0.2860, 0.3803



40.6967, 0.2362, 0.2704



40.6967, 0.3363, 0.2846

Rectangle

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



40.6967, 0.3946, 0.3824



40.6967, 0.3428, 0.4073



40.6967, 0.2362, 0.2704



40.6967, 0.2789, 0.2611

Sweetspot

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



40.6986, 0.3946, 0.3824



88.7085, 0.3326, 0.3440



29.5062, 0.3625, 0.2738



18.7382, 0.3350, 0.3457



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.



40.6986, 0.3946, 0.3824



60.5014, 0.4161, 0.3928



57.9447, 0.3745, 0.4287



12.1146, 0.3278, 0.3405



14.1092, 0.5411, 0.4085



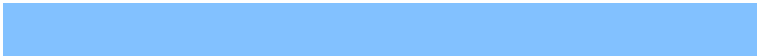
0.8797, 0.5111, 0.4324

Inverse Universe

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



35.0539, 0.2469, 0.2680



50.2033, 0.2337, 0.2530



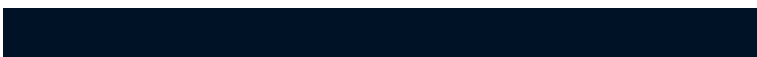
22.5430, 0.2368, 0.2051



11.7656, 0.2983, 0.3172



9.0514, 0.1781, 0.1609



0.6187, 0.1878, 0.1962

Previews

White Background



This preview shows how the Yxy color 40.6967, 0.3946, 0.3824 looks on a white background.

Color Contrast Check

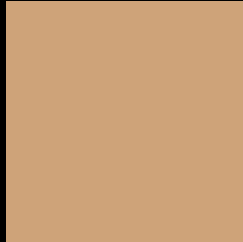
Large Text (above 18pt) WCAG AA × Fail

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 40.6967, 0.3946, 0.3824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

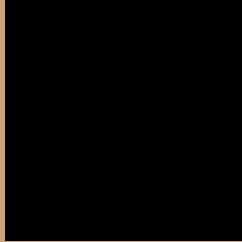
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.6967, 0.3946, 0.3824

Background



This preview shows how black text looks on a background with the Yxy color 40.6967, 0.3946, 0.3824.



This preview shows how white text looks on a background with the Yxy color 40.6967, 0.3946, 0.3824.

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

40.6967, 0.3946, 0.3824

Protanopia

40.7714, 0.3662, 0.3933

Deuteranopia

40.7688, 0.3921, 0.3840



Tritanopia

40.8274, 0.3548, 0.3143

Trichromacy



Original Color

40.6967, 0.3946, 0.3824

Protanomaly

40.6418, 0.3763, 0.3890

Deuteranomaly

40.9105, 0.3931, 0.3838

Tritanomaly

40.6186, 0.3691, 0.3380

Monochromacy



Original Color

40.6967, 0.3946, 0.3824

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.4955, 0.3410, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6967, 0.3946, 0.3824 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(206, 163, 121)` looks like.

```
.text, #text, p{  
    color:rgb(206, 163, 121)  
}
```

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(206, 163, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 163, 121) }
```

Border

The CSS property to change the border of an element to Yxy 40.6967, 0.3946, 0.3824 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(206, 163, 121) }
```

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

```
.border{ border-color:rgb(206, 163, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 163, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 163, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 163, 121);  
box-shadow:4px 4px 4px 4px rgb(206, 163,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6967, 0.3946, 0.3824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 163, 121) }
```

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

```
.background{ background-color: rgb(206,  
163, 121) }
```

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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