

Converting Colors

$Yxy(47.4405, 0.3979, 0.4127)$

Have a look what the booklet for
Yxy(47.4405, 0.3979, 0.4127)
contains.

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Color

Yxy(47.4919, 0.3978, 0.4128)

Conversions

Conversions Part 1

Format	Color
Hex	D2B46F
RGB	210, 180, 111
RGB Percent	82%, 71%, 44%
CMY	0.1765, 0.2941, 0.5647
CMYK	0.00, 0.14, 0.47, 0.18
HSL	42°, 52%, 63%
HSV	42°, 47%, 82%
XYZ	45.7662, 47.4919, 21.7901
YIQ	181.1040, 40.0290, -15.0990

Conversions

Conversions Part 2

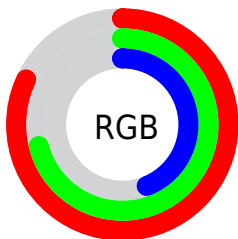
Format	Color
RYB	154, 210, 111
Decimal	13808751
CIELab	74.50, 1.80, 39.06
CIELCh	75, 39.097, 87.366
Yxy	47.4919, 0.3978, 0.4128
Android (android.graphics.Color)	4291998831 (0xFFD2B46F)
YUV	181.1040, -34.5613, 25.3418
Hunter-Lab	68.9144, -2.0579, 29.4931

Details

The Yxy color **47.4919, 0.3978, 0.4128** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.0722, 0.2318, 0.2265**, and the grayscale version is **46.4421, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9312, 0.3728, 0.4014**, and **22.2880, 0.4193, 0.4333** is the 20% darker color. If you saturate the color by 10%, you get **44.5756, 0.4180, 0.4284**, and if you desaturate by 10%, it is **50.6392, 0.3777, 0.3954**.

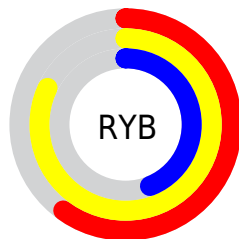
Distribution



Red (82%)

Green (71%)

Blue (44%)



Red (60%)

Yellow (82%)

Blue (44%)

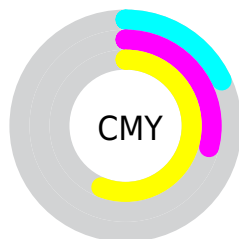


Cyan (0%)

Magenta (14%)

Yellow (47%)

Black (18%)



Cyan (18%)


Magenta (29%)


Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.4919, 0.3978, 0.4128 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 47.4919, 0.3978, 0.4128 by changing the saturation by 10% instead.


 47.4919, 0.3978,
0.4128


 47.4919, 0.3978,
0.4128


376.7746, 0.3564,
0.3724

 33.4247, 0.4074,
0.4221


 86.4474, 0.3832,
0.3987


 22.4520, 0.4192,
0.4333


 112.1045, 0.3776,
0.3932

 14.1894, 0.4338,
0.4471


 142.3937, 0.3728,
0.3885

 8.2525, 0.4517,
0.4636

 177.6993, 0.3686,
0.3844

 4.2569, 0.4822,
0.4920

218.4058, 0.3650,
0.3808

 1.8183, 0.4975,
0.5025

264.8976, 0.3618,

 0.4985, 0.5094,

0.3777

0.4906

317.5591, 0.3589,
0.3749

0.0000, 0.0000,
0.0000

47.4919, 0.3978,
0.4128

47.4919, 0.3978,
0.4128

44.5756, 0.4180,
0.4284

50.6392, 0.3777,
0.3954

41.8742, 0.4374,
0.4412

54.0194, 0.3585,
0.3772

39.3798, 0.4552,
0.4500

57.6425, 0.3404,
0.3590

37.0803, 0.4705,
0.4540

61.5159, 0.3237,
0.3412

34.9606, 0.4826,
0.4531

65.6467, 0.3085,
0.3243

■ 34.3813, 0.4858,
0.4525

■ 70.0415, 0.2949,
0.3084

■ 74.5130, 0.2844,
0.2967

■ 78.0059, 0.2847,
0.3035

■ 81.6282, 0.2851,
0.3104

Harmonies

Analogous

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



47.4919, 0.4204, 0.3777



47.4919, 0.3978, 0.4128



47.4919, 0.3531, 0.4279

Triad

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



47.4919, 0.3978, 0.4128



47.4919, 0.2226, 0.3097



47.4919, 0.3186, 0.2628

Complementary

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



47.4919, 0.3978, 0.4128



27.0722, 0.2318, 0.2265

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.



47.4919, 0.2668, 0.2453



47.4919, 0.3978, 0.4128



47.4919, 0.2152, 0.2675

Square

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



47.4919, 0.3978, 0.4128



47.4919, 0.2524, 0.3644



47.4919, 0.2306, 0.2460



47.4919, 0.3730, 0.2948

Rectangle

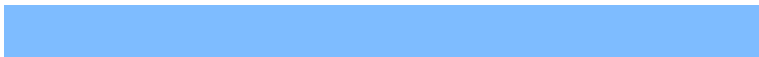
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47.4919, 0.3978, 0.4128



47.4919, 0.3176, 0.4204



47.4919, 0.2306, 0.2460



47.4919, 0.3002, 0.2552

Sweetspot

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



47.4941, 0.3978, 0.4128



91.2055, 0.3352, 0.3536



27.0300, 0.3989, 0.2901



19.2467, 0.3390, 0.3575



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.



47.4941, 0.3978, 0.4128



68.9590, 0.4190, 0.4291



58.4211, 0.3667, 0.4500



13.1680, 0.3273, 0.3451



21.1585, 0.4846, 0.4534



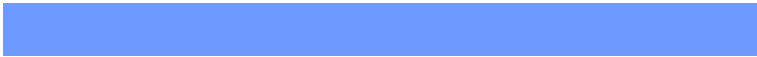
1.3191, 0.4698, 0.4651

Inverse Universe

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



27.0722, 0.2318, 0.2265



33.5136, 0.2131, 0.1987



20.6974, 0.2385, 0.1870



11.9931, 0.2982, 0.3123



5.2030, 0.1616, 0.1015



0.4303, 0.1719, 0.1389

Previews

White Background



This preview shows how the Yxy color 47.4919, 0.3978, 0.4128 looks on a white background.

Color Contrast Check

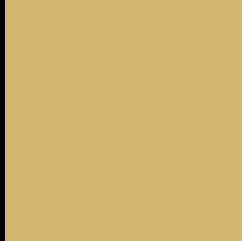
Large Text (above 18pt) WCAG AA × Fail

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 47.4919, 0.3978, 0.4128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

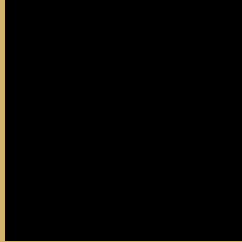
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.4919, 0.3978, 0.4128

Background



This preview shows how black text looks on a background with the Yxy color 47.4919, 0.3978, 0.4128.



This preview shows how white text looks on a background with the Yxy color 47.4919, 0.3978, 0.4128.

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

47.4919, 0.3978, 0.4128

Protanopia

47.3162, 0.3860, 0.4182

Deuteranopia

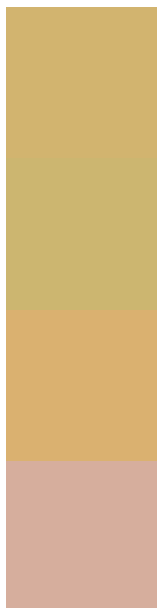
47.3594, 0.4112, 0.4025



Tritanopia

47.3382, 0.3434, 0.3137

Trichromacy



Original Color

47.4919, 0.3978, 0.4128

Protanomaly

47.4631, 0.3903, 0.4158

Deuteranomaly

47.5196, 0.4062, 0.4059

Tritanomaly

47.0026, 0.3644, 0.3499

Monochromacy



Original Color

47.4919, 0.3978, 0.4128

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.6545, 0.3430, 0.3615

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4919, 0.3978, 0.4128 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(210, 180, 111)` looks like.

```
.text, #text, p{  
    color:rgb(210, 180, 111)  
}
```

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(210, 180, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 180, 111) }
```

Border

The CSS property to change the border of an element to Yxy 47.4919, 0.3978, 0.4128 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(210, 180, 111) }
```

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

```
.border{ border-color:rgb(210, 180, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 180, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 180, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 180, 111);  
box-shadow:4px 4px 4px 4px rgb(210, 180,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4919, 0.3978, 0.4128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 180, 111) }
```

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

```
.background{ background-color: rgb(210,  
180, 111) }
```

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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