

Converting Colors

$Yxy(47.1146, 0.3928, 0.3845)$

Have a look what the booklet for
Yxy(47.1146, 0.3928, 0.3845)
contains.

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Color

Yxy(47.1503, 0.3929, 0.3843)

Conversions

Conversions Part 1

Format	Color
Hex	DAAF81
RGB	218, 175, 129
RGB Percent	85%, 69%, 51%
CMY	0.1451, 0.3137, 0.4940
CMYK	0.00, 0.20, 0.41, 0.15
HSL	31°, 55%, 68%
HSV	31°, 41%, 85%
XYZ	48.2054, 47.1503, 27.3356
YIQ	182.6130, 40.3940, -5.1900

Conversions

Conversions Part 2

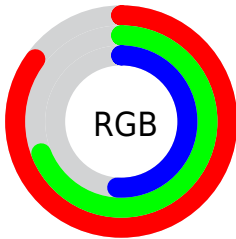
Format	Color
R _Y B	212, 218, 129
Decimal	14331777
CIE Lab	74.29, 9.58, 29.50
CIE LCh	74, 31.012, 72.013
Yxy	47.1503, 0.3929, 0.3843
Android (android.graphics.Color)	4292521857 (0xFFDAAF81)
YUV	182.6130, -26.4312, 31.0344
Hunter-Lab	68.6661, 5.1462, 24.4632

Details

The Yxy color **47.1503, 0.3929, 0.3843** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **39.2382, 0.2469, 0.2657**, and the grayscale version is **47.2634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7892, 0.3624, 0.3787**, and **22.3075, 0.4143, 0.3985** is the 20% darker color. If you saturate the color by 10%, you get **42.6917, 0.4181, 0.3972**, and if you desaturate by 10%, it is **52.0568, 0.3697, 0.3705**.

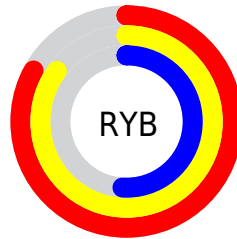
Distribution



Red (85%)

Green (69%)

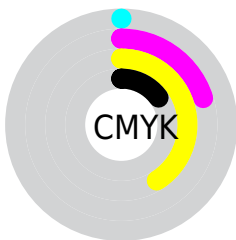
Blue (51%)



Red (83%)

Yellow (85%)

Blue (51%)

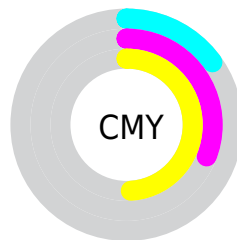


Cyan (0%)

Magenta (20%)

Yellow (41%)

Black (15%)



Cyan (15%)


Magenta (31%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.1503, 0.3929, 0.3843 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 47.1503, 0.3929, 0.3843 by changing the saturation by 10% instead.


 47.1503, 0.3929,
0.3843


 47.1503, 0.3929,
0.3843


375.4141, 0.3530,
0.3580

 33.1545, 0.4026,
0.3903


 85.9379, 0.3785,
0.3751

 22.2448, 0.4149,
0.3976


 111.4985, 0.3731,
0.3716

 14.0369, 0.4308,
0.4066


 141.6829, 0.3685,
0.3685

 8.1463, 0.4518,
0.4176

176.8753, 0.3645,
0.3658

 4.1887, 0.4806,
0.4305

217.4603, 0.3611,
0.3635

 1.7797, 0.5403,
0.4597

263.8221, 0.3580,

 0.4745, 0.5907,

0.3615

0.4093

316.3453, 0.3554,
0.3596

0.0000, 0.0000,
0.0000

47.1503, 0.3929,
0.3843

47.1503, 0.3929,
0.3843

42.6917, 0.4181,
0.3972

52.0568, 0.3697,
0.3705

38.6592, 0.4447,
0.4082

57.4188, 0.3488,
0.3565

35.0386, 0.4715,
0.4161

63.2521, 0.3302,
0.3429

31.8119, 0.4971,
0.4195

69.5693, 0.3139,
0.3300

28.9591, 0.5197,
0.4176

76.3828, 0.2997,
0.3180

■ 26.6415, 0.5373,
0.4116

■ 83.3902, 0.2900,
0.3116

■ 89.7105, 0.2903,
0.3225

■ 93.6444, 0.2906,
0.3289

Harmonies

Analogous

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



47.1503, 0.3980, 0.3523



47.1503, 0.3929, 0.3843



47.1503, 0.3656, 0.4045

Triad

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



47.1503, 0.3929, 0.3843



47.1503, 0.2504, 0.3361



47.1503, 0.2956, 0.2661

Complementary

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



47.1503, 0.3929, 0.3843



39.2382, 0.2469, 0.2657

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.



47.1503, 0.2590, 0.2593



47.1503, 0.3929, 0.3843



47.1503, 0.2344, 0.2962

Square

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



47.1503, 0.3929, 0.3843



47.1503, 0.2831, 0.3773



47.1503, 0.2375, 0.2692



47.1503, 0.3395, 0.2869

Rectangle

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



47.1503, 0.3929, 0.3843



47.1503, 0.3394, 0.4065



47.1503, 0.2375, 0.2692



47.1503, 0.2821, 0.2621

Sweetspot

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



47.1525, 0.3929, 0.3843



89.1108, 0.3325, 0.3446



33.5898, 0.3654, 0.2776



18.8328, 0.3349, 0.3464



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.



47.1525, 0.3929, 0.3843



61.7381, 0.4145, 0.3955



66.4019, 0.3723, 0.4299



14.1591, 0.3279, 0.3411



16.1787, 0.5351, 0.4133



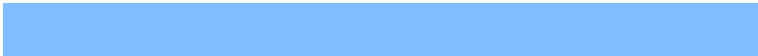
1.2205, 0.5112, 0.4323

Inverse Universe

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



39.2382, 0.2469, 0.2657



48.9784, 0.2330, 0.2494



25.5533, 0.2383, 0.2044



13.6503, 0.2982, 0.3166



9.3388, 0.1758, 0.1530



0.7771, 0.1842, 0.1832

Previews

White Background



This preview shows how the Yxy color 47.1503, 0.3929, 0.3843 looks on a white background.

Color Contrast Check

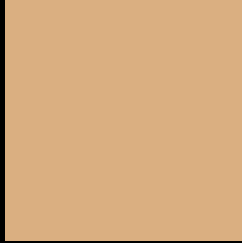
Large Text (above 18pt) WCAG AA × Fail

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 47.1503, 0.3929, 0.3843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

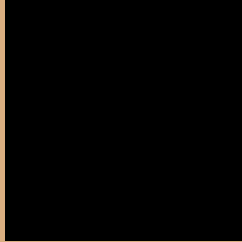
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.1503, 0.3929, 0.3843

Background



This preview shows how black text looks on a background with the Yxy color 47.1503, 0.3929, 0.3843.



This preview shows how white text looks on a background with the Yxy color 47.1503, 0.3929, 0.3843.

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

47.1503, 0.3929, 0.3843

Protanopia

47.4032, 0.3671, 0.3944

Deuteranopia

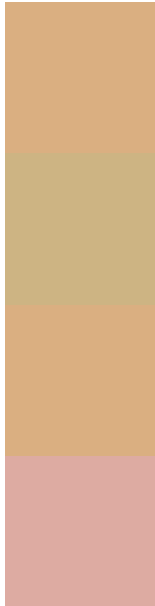
47.1503, 0.3929, 0.3843



Tritanopia

47.0294, 0.3523, 0.3139

Trichromacy



Original Color

47.1503, 0.3929, 0.3843

Protanomaly

47.2603, 0.3767, 0.3904

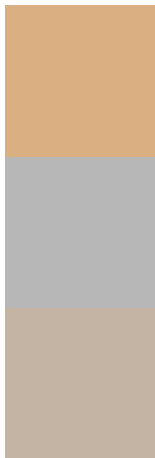
Deuteranomaly

47.1503, 0.3929, 0.3843

Tritanomaly

47.1066, 0.3673, 0.3399

Monochromacy



Original Color

47.1503, 0.3929, 0.3843

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.0226, 0.3409, 0.3508

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1503, 0.3929, 0.3843 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(218, 175, 129)` looks like.

```
.text, #text, p{  
    color:rgb(218, 175, 129)  
}
```

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(218, 175, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 175, 129) }
```

Border

The CSS property to change the border of an element to Yxy 47.1503, 0.3929, 0.3843 is called "border". The border property can be set on classes, ids or directly on the HTML element.

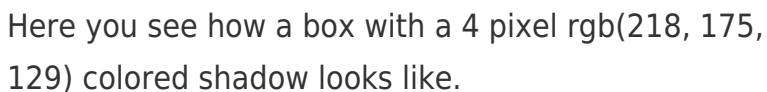
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 175, 129) }
```

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

```
.border{ border-color:rgb(218, 175, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 175, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 175, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 175, 129);  
box-shadow:4px 4px 4px 4px rgb(218, 175,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1503, 0.3929, 0.3843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 175, 129) }
```

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

```
.background{ background-color: rgb(218,  
175, 129) }
```

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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