

Converting Colors

$Yxy(47.0338, 0.3848, 0.3763)$

Have a look what the booklet for
Yxy(47.0338, 0.3848, 0.3763)
contains.

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Color

Yxy(47.0364, 0.3848, 0.3764)

Conversions

Conversions Part 1

Format	Color
Hex	D8AF88
RGB	216, 175, 136
RGB Percent	85%, 69%, 53%
CMY	0.1531, 0.3137, 0.4666
CMYK	0.00, 0.19, 0.37, 0.15
HSL	29°, 51%, 69%
HSV	29°, 37%, 85%
XYZ	48.0861, 47.0364, 29.8414
YIQ	182.8130, 36.9550, -3.4370

Conversions

Conversions Part 2

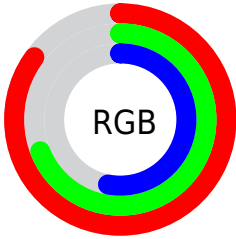
Format	Color
R _Y B	216, 212, 136
Decimal	14200712
CIE Lab	74.21, 9.56, 25.63
CIE LCh	74, 27.353, 69.541
Yxy	47.0364, 0.3848, 0.3764
Android (android.graphics.Color)	4292390792 (0xFFD8AF88)
YUV	182.8130, -23.0788, 29.1050
Hunter-Lab	68.5831, 5.1324, 22.2103

Details

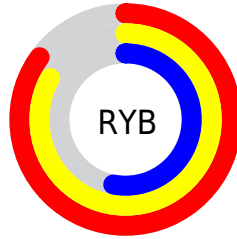
The Yxy color **47.0364, 0.3848, 0.3764** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **41.6207, 0.2536, 0.2759**, and the grayscale version is **47.3600, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.1295, 0.3569, 0.3706**, and **22.3114, 0.4048, 0.3883** is the 20% darker color. If you saturate the color by 10%, you get **42.3537, 0.4101, 0.3891**, and if you desaturate by 10%, it is **52.2000, 0.3620, 0.3632**.

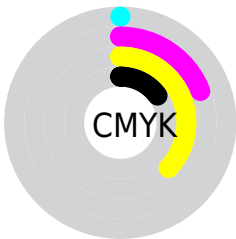
Distribution



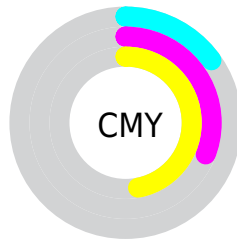
- Red (85%)
- Green (69%)
- Blue (53%)



- Red (85%)
- Yellow (83%)
- Blue (53%)



- Cyan (0%)
- Magenta (19%)
- Yellow (37%)
- Black (15%)




- Cyan (15%)
- Magenta (31%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0364, 0.3848, 0.3764 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 47.0364, 0.3848, 0.3764 by changing the saturation by 10% instead.


 47.0364, 0.3848,
0.3764

 47.0364, 0.3848,
0.3764


374.9598, 0.3488,
0.3537


 33.0644, 0.3937,
0.3816


 85.7680, 0.3718,
0.3685

 22.1758, 0.4049,
0.3881


 111.2963, 0.3669,
0.3654

 13.9861, 0.4196,
0.3961


 141.4456, 0.3627,
0.3627

 8.1110, 0.4395,
0.4062

176.6002, 0.3591,
0.3605

 4.1661, 0.4673,
0.4185

217.1446, 0.3560,
0.3585

 1.7669, 0.5403,
0.4597

263.4630, 0.3533,

 0.4664, 0.5920,

0.3567

0.4080

315.9400, 0.3509,
0.3551

0.0000, 0.0000,
0.0000

47.0364, 0.3848,
0.3764

47.0364, 0.3848,
0.3764

42.3537, 0.4101,
0.3891

52.2000, 0.3620,
0.3632

38.1293, 0.4372,
0.4003

57.8528, 0.3417,
0.3501

34.3486, 0.4654,
0.4088

64.0112, 0.3238,
0.3374

30.9929, 0.4931,
0.4134

70.6887, 0.3083,
0.3255

28.0419, 0.5184,
0.4130

77.8984, 0.2948,
0.3145

■ 25.4711, 0.5398,
0.4071

■ 84.9515, 0.2889,
0.3149

■ 24.7699, 0.5458,
0.4048

■ 91.7139, 0.2893,
0.3263

■ 93.3338, 0.2894,
0.3289

Harmonies

Analogous

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



47.0364, 0.3872, 0.3477



47.0364, 0.3848, 0.3764



47.0364, 0.3623, 0.3949

Triad

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



47.0364, 0.3848, 0.3764



47.0364, 0.2594, 0.3386



47.0364, 0.2947, 0.2718

Complementary

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



47.0364, 0.3848, 0.3764



41.6207, 0.2536, 0.2759

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.



47.0364, 0.2629, 0.2671



47.0364, 0.3848, 0.3764



47.0364, 0.2436, 0.3029

Square

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



47.0364, 0.3848, 0.3764



47.0364, 0.2896, 0.3739



47.0364, 0.2448, 0.2776



47.0364, 0.3333, 0.2896

Rectangle

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



47.0364, 0.3848, 0.3764



47.0364, 0.3397, 0.3974



47.0364, 0.2448, 0.2776



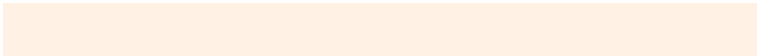
47.0364, 0.2829, 0.2687

Sweetspot

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



47.0386, 0.3848, 0.3764



89.4974, 0.3308, 0.3425



35.3930, 0.3558, 0.2794



18.8928, 0.3333, 0.3442



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.



47.0386, 0.3848, 0.3764



63.4134, 0.4033, 0.3859



64.7864, 0.3686, 0.4192



13.4109, 0.3279, 0.3404



14.8809, 0.5434, 0.4067



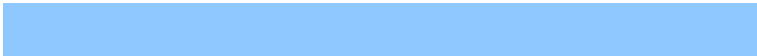
1.0630, 0.5164, 0.4282

Inverse Universe

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



41.6207, 0.2536, 0.2759



54.4728, 0.2418, 0.2631



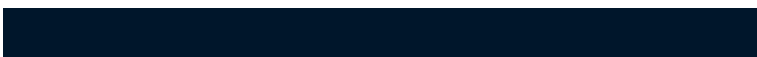
28.1812, 0.2456, 0.2194



13.0499, 0.2982, 0.3173



9.8326, 0.1786, 0.1628



0.7586, 0.1871, 0.1936

Previews

White Background



This preview shows how the Yxy color 47.0364, 0.3848, 0.3764 looks on a white background.

Color Contrast Check

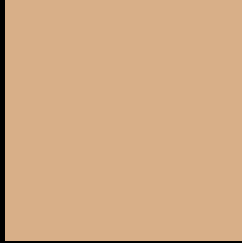
Large Text (above 18pt) WCAG AA × Fail

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 47.0364, 0.3848, 0.3764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

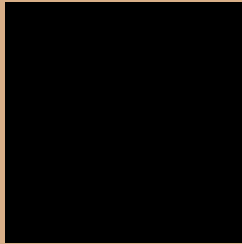
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.0364, 0.3848, 0.3764

Background



This preview shows how black text looks on a background with the Yxy color 47.0364, 0.3848, 0.3764.

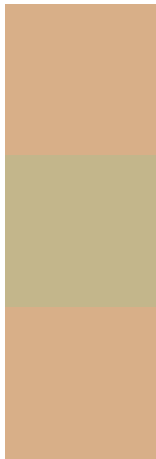


This preview shows how white text looks on a background with the Yxy color 47.0364, 0.3848, 0.3764.

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

47.0364, 0.3848, 0.3764

Protanopia

46.9221, 0.3598, 0.3847

Deuteranopia

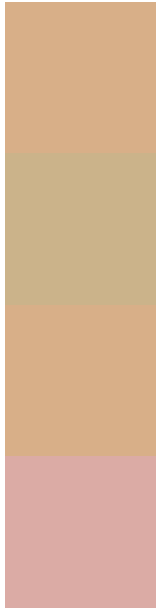
47.0364, 0.3848, 0.3764



Tritanopia

47.1255, 0.3493, 0.3138

Trichromacy



Original Color

47.0364, 0.3848, 0.3764

Protanomaly

46.7717, 0.3692, 0.3809

Deuteranomaly

47.0364, 0.3848, 0.3764

Tritanomaly

46.9025, 0.3626, 0.3363

Monochromacy



Original Color

47.0364, 0.3848, 0.3764

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.9978, 0.3375, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0364, 0.3848, 0.3764 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(216, 175, 136)` looks like.

```
.text, #text, p{  
    color:rgb(216, 175, 136)  
}
```

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(216, 175, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 175, 136) }
```

Border

The CSS property to change the border of an element to Yxy 47.0364, 0.3848, 0.3764 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(216, 175, 136) }
```

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

```
.border{ border-color:rgb(216, 175, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 175, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 175, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 175, 136);  
box-shadow:4px 4px 4px 4px rgb(216, 175,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0364, 0.3848, 0.3764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 175, 136) }
```

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

```
.background{ background-color: rgb(216,  
175, 136) }
```

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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