

Converting Colors

$Yxy(47.6619, 0.3769, 0.3694)$

Have a look what the booklet for
Yxy(47.6619, 0.3769, 0.3694)
contains.

Yxy(47.4809, 0.3772, 0.3693)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.4809, 0.3772, 0.3693)

Conversions

Conversions Part 1

Format	Color
Hex	D7B08F
RGB	215, 176, 143
RGB Percent	84%, 69%, 56%
CMY	0.1571, 0.3097, 0.4392
CMYK	0.00, 0.18, 0.33, 0.16
HSL	28°, 47%, 70%
HSV	28°, 33%, 84%
XYZ	48.4966, 47.4809, 32.5925
YIQ	183.8990, 33.8370, -1.9950

Conversions

Conversions Part 2

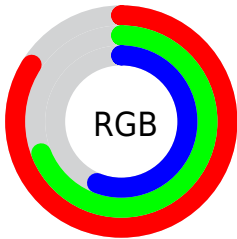
Format	Color
RYB	215, 204, 143
Decimal	14135439
CIELab	74.50, 9.47, 22.24
CIELCh	74, 24.173, 66.935
Yxy	47.4809, 0.3772, 0.3693
Android (android.graphics.Color)	4292325519 (0xFFD7B08F)
YUV	183.8990, -20.1632, 27.2756
Hunter-Lab	68.9064, 5.0429, 20.1905

Details

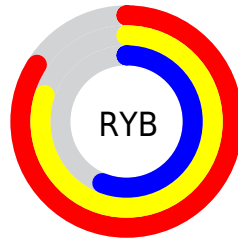
The Yxy color $47.4809, 0.3772, 0.3693$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $44.1667, 0.2598, 0.2847$, and the grayscale version is $47.9724, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.0044, 0.3520, 0.3644$, and $22.5589, 0.3956, 0.3808$ is the 20% darker color. If you saturate the color by 10%, you get $42.5255, 0.4023, 0.3815$, and if you desaturate by 10%, it is $52.9562, 0.3548, 0.3568$.

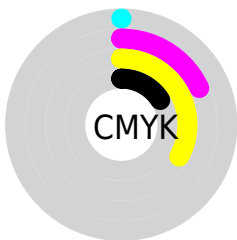
Distribution



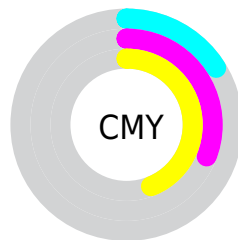
- Red (84%)
- Green (69%)
- Blue (56%)



- Red (84%)
- Yellow (80%)
- Blue (56%)



- Cyan (0%)
- Magenta (18%)
- Yellow (33%)
- Black (16%)





- Cyan (16%)
- Magenta (31%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.4809, 0.3772, 0.3693 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 47.4809, 0.3772, 0.3693 by changing the saturation by 10% instead.

 47.4809, 0.3772,
0.3693


 47.4809, 0.3772,
0.3693


376.7308, 0.3449,
0.3500

 33.4160, 0.3852,
0.3738

 86.4310, 0.3655,
0.3625

 22.4453, 0.3954,
0.3794

 112.0850, 0.3611,
0.3599

 14.1845, 0.4087,
0.3864


142.3708, 0.3574,
0.3576

 8.2491, 0.4270,
0.3953

177.6728, 0.3542,
0.3557

 4.2547, 0.4530,
0.4068

218.3754, 0.3514,
0.3540

 1.8171, 0.5143,
0.4392

264.8630, 0.3490,

 0.4978, 0.5859,

0.3525

0.4141

317.5200, 0.3468,
0.3512

0.0000, 0.0000,
0.0000

47.4809, 0.3772,
0.3693

47.4809, 0.3772,
0.3693

42.5255, 0.4023,
0.3815

52.9562, 0.3548,
0.3568

38.0665, 0.4298,
0.3927

58.9607, 0.3352,
0.3446

34.0881, 0.4589,
0.4017

65.5119, 0.3181,
0.3329

30.5709, 0.4884,
0.4072

72.6243, 0.3033,
0.3220

27.4935, 0.5162,
0.4080

80.3118, 0.2905,
0.3119

■ 24.8322, 0.5405,
0.4034

■ 87.4465, 0.2884,
0.3195

■ 23.3007, 0.5543,
0.3981

■ 93.1798, 0.2888,
0.3289

Harmonies

Analogous

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



47.4809, 0.3775, 0.3435



47.4809, 0.3772, 0.3693



47.4809, 0.3589, 0.3862

Triad

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



47.4809, 0.3772, 0.3693



47.4809, 0.2675, 0.3405



47.4809, 0.2941, 0.2773

Complementary

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



47.4809, 0.3772, 0.3693



44.1667, 0.2598, 0.2847

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.



47.4809, 0.2667, 0.2744



47.4809, 0.3772, 0.3693



47.4809, 0.2520, 0.3088

Square

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



47.4809, 0.3772, 0.3693



47.4809, 0.2953, 0.3705



47.4809, 0.2518, 0.2852



47.4809, 0.3280, 0.2922

Rectangle

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



47.4809, 0.3772, 0.3693



47.4809, 0.3396, 0.3891



47.4809, 0.2518, 0.2852



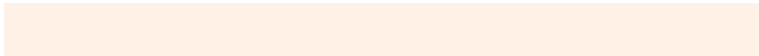
47.4809, 0.2839, 0.2749

Sweetspot

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



47.4831, 0.3772, 0.3693



89.9772, 0.3291, 0.3405



37.4841, 0.3479, 0.2815



18.9716, 0.3317, 0.3422



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.



47.4831, 0.3772, 0.3693



64.7854, 0.3943, 0.3778



63.1873, 0.3641, 0.4083



13.3507, 0.3280, 0.3397



14.1504, 0.5518, 0.4001



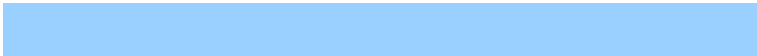
1.0179, 0.5231, 0.4228

Inverse Universe

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



44.1667, 0.2598, 0.2847



59.1916, 0.2488, 0.2738



31.4838, 0.2534, 0.2350



13.1106, 0.2982, 0.3180



10.6628, 0.1813, 0.1726



0.8079, 0.1894, 0.2019

Previews

White Background



This preview shows how the Yxy color 47.4809, 0.3772, 0.3693 looks on a white background.

Color Contrast Check

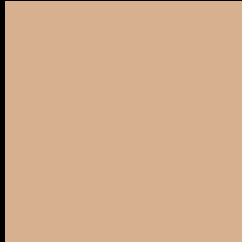
Large Text (above 18pt) WCAG AA × Fail

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 47.4809, 0.3772, 0.3693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

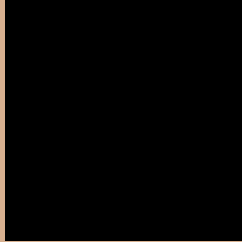
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.4809, 0.3772, 0.3693

Background



This preview shows how black text looks on a background with the Yxy color 47.4809, 0.3772, 0.3693.



This preview shows how white text looks on a background with the Yxy color 47.4809, 0.3772, 0.3693.

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

47.4809, 0.3772, 0.3693

Protanopia

47.5444, 0.3537, 0.3768

Deuteranopia

47.4809, 0.3772, 0.3693



Tritanopia

47.2702, 0.3454, 0.3126

Trichromacy



Original Color

47.4809, 0.3772, 0.3693

Protanomaly

47.2434, 0.3619, 0.3734

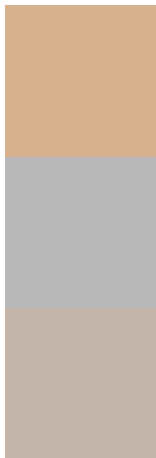
Deuteranomaly

47.4809, 0.3772, 0.3693

Tritanomaly

47.2750, 0.3577, 0.3327

Monochromacy



Original Color

47.4809, 0.3772, 0.3693

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.5144, 0.3348, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4809, 0.3772, 0.3693 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(215, 176, 143)` looks like.

```
.text, #text, p{  
    color:rgb(215, 176, 143)  
}
```

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(215, 176, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 176, 143) }
```

Border

The CSS property to change the border of an element to Yxy 47.4809, 0.3772, 0.3693 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(215, 176, 143) }
```

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

```
.border{ border-color:rgb(215, 176, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 176, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 176, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 176, 143);  
box-shadow:4px 4px 4px 4px rgb(215, 176,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4809, 0.3772, 0.3693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 176, 143) }
```

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

```
.background{ background-color: rgb(215,  
176, 143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor