

Converting Colors

$Yxy(47.5748, 0.3705, 0.3680)$

Have a look what the booklet for
Yxy(47.5748, 0.3705, 0.3680)
contains.

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Color

Yxy(47.3685, 0.3705, 0.3673)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D3B192 |
| RGB | 211, 177, 146 |
| RGB Percent | 83%, 69%, 57% |
| CMY | 0.1724, 0.3059, 0.4275 |
| CMYK | 0.00, 0.16, 0.31, 0.17 |
| HSL | 29°, 43%, 70% |
| HSV | 29°, 31%, 83% |
| XYZ | 47.7812, 47.3685, 33.8144 |
| YIQ | 183.6320, 30.2150, -2.4330 |

Conversions

Conversions Part 2

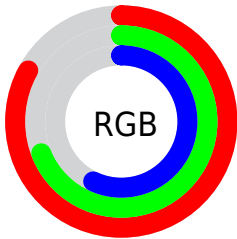
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 211, 205, 146 |
| Decimal | 13873554 |
| CIE Lab | 74.42, 7.80, 20.47 |
| CIE LCh | 74, 21.903, 69.128 |
| Yxy | 47.3685, 0.3705, 0.3673 |
| Android (android.graphics.Color) | 4292063634 (0xFFD3B192) |
| YUV | 183.6320, -18.5526, 24.0017 |
| Hunter-Lab | 68.8248, 3.4792, 19.0475 |

Details

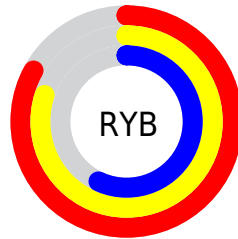
The Yxy color $47.3685, 0.3705, 0.3673$ is a light color, and the websafe version is hex `CC9966`. A complement of this color would be $43.4707, 0.2639, 0.2872$, and the grayscale version is $47.8133, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.7080, 0.3497, 0.3623$, and $22.2101, 0.3869, 0.3770$ is the 20% darker color. If you saturate the color by 10%, you get $42.5855, 0.3945, 0.3801$, and if you desaturate by 10%, it is $52.6303, 0.3491, 0.3544$.

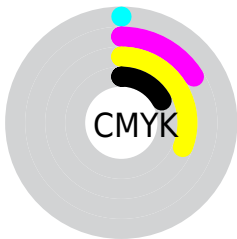
Distribution



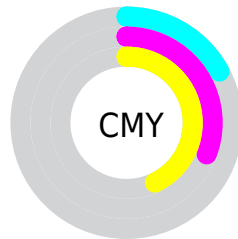
- Red (83%)
- Green (69%)
- Blue (57%)



- Red (83%)
- Yellow (80%)
- Blue (57%)



- Cyan (0%)
- Magenta (16%)
- Yellow (31%)
- Black (17%)





- Cyan (17%)
- Magenta (31%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.3685, 0.3705, 0.3673 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 47.3685, 0.3705, 0.3673 by changing the saturation by 10% instead.


 47.3685, 0.3705,
0.3673

 47.3685, 0.3705,
0.3673


376.2835, 0.3416,
0.3488

 33.3271, 0.3777,
0.3717


 86.2634, 0.3600,
0.3607

 22.3771, 0.3868,
0.3771


 111.8857, 0.3561,
0.3582

 14.1343, 0.3989,
0.3841


142.1370, 0.3527,
0.3561

 8.2141, 0.4154,
0.3932

177.4018, 0.3499,
0.3542

 4.2323, 0.4393,
0.4052

218.0645, 0.3474,
0.3526

 1.8043, 0.4913,
0.4346

264.5094, 0.3452,

 0.4899, 0.5725,

0.3512

0.4275

317.1209, 0.3433,
0.3499

0.0000, 0.0000,
0.0000

47.3685, 0.3705,
0.3673

47.3685, 0.3705,
0.3673

42.5855, 0.3945,
0.3801

52.6303, 0.3491,
0.3544

38.2597, 0.4208,
0.3921

58.3784, 0.3303,
0.3418

34.3774, 0.4489,
0.4021


64.6287, 0.3140,
0.3299


30.9214, 0.4776,
0.4091


71.3940, 0.2997,
0.3188


27.8729, 0.5051,
0.4117

78.6869, 0.2874,
0.3086

 25.2111, 0.5297,
0.4090

 85.3323, 0.2860,
0.3167

 23.0814, 0.5489,
0.4024

 92.1527, 0.2866,
0.3282

 92.5941, 0.2866,
0.3289

Harmonies

Analogous

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



47.3685, 0.3719, 0.3443



47.3685, 0.3705, 0.3673



47.3685, 0.3530, 0.3815

Triad

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



47.3685, 0.3705, 0.3673



47.3685, 0.2702, 0.3374



47.3685, 0.2981, 0.2825

Complementary

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



47.3685, 0.3705, 0.3673



43.4707, 0.2639, 0.2872

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.



47.3685, 0.2724, 0.2790



47.3685, 0.3705, 0.3673



47.3685, 0.2569, 0.3090

Square

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



47.3685, 0.3705, 0.3673



47.3685, 0.2949, 0.3647



47.3685, 0.2577, 0.2881



47.3685, 0.3290, 0.2968

Rectangle

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



47.3685, 0.3705, 0.3673



47.3685, 0.3351, 0.3832



47.3685, 0.2577, 0.2881



47.3685, 0.2886, 0.2800

Sweetspot

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



47.3707, 0.3705, 0.3673



91.1835, 0.3274, 0.3397



37.7321, 0.3454, 0.2867



19.2249, 0.3299, 0.3415



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.



47.3707, 0.3705, 0.3673



67.7810, 0.3860, 0.3758



61.4648, 0.3596, 0.4032



12.7244, 0.3279, 0.3401



14.1271, 0.5465, 0.4043



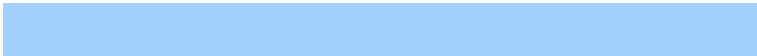
0.9483, 0.5172, 0.4276

Inverse Universe

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



43.4707, 0.2639, 0.2872



60.8685, 0.2533, 0.2767



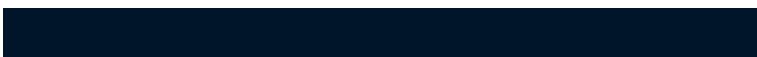
32.0447, 0.2587, 0.2422



12.4269, 0.2983, 0.3176



9.8313, 0.1797, 0.1668



0.7081, 0.1886, 0.1989

Previews

White Background



This preview shows how the Yxy color 47.3685, 0.3705, 0.3673 looks on a white background.

Color Contrast Check

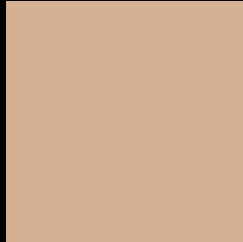
Large Text (above 18pt) WCAG AA × Fail

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 47.3685, 0.3705, 0.3673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

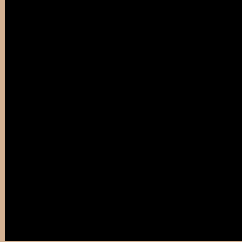
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.3685, 0.3705, 0.3673

Background



This preview shows how black text looks on a background with the Yxy color 47.3685, 0.3705, 0.3673.



This preview shows how white text looks on a background with the Yxy color 47.3685, 0.3705, 0.3673.

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

47.3685, 0.3705, 0.3673

Protanopia

47.5062, 0.3502, 0.3730

Deuteranopia

47.4221, 0.3736, 0.3657



Tritanopia

47.4549, 0.3405, 0.3136

Trichromacy



Original Color

47.3685, 0.3705, 0.3673

Protanomaly

47.4652, 0.3572, 0.3710

Deuteranomaly

47.2721, 0.3727, 0.3659

Tritanomaly

47.5085, 0.3517, 0.3327

Monochromacy



Original Color

47.3685, 0.3705, 0.3673

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.4194, 0.3330, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3685, 0.3705, 0.3673 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(211, 177, 146)` looks like.

```
.text, #text, p{  
    color:rgb(211, 177, 146)  
}
```

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(211, 177, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 177, 146) }
```

Border

The CSS property to change the border of an element to Yxy 47.3685, 0.3705, 0.3673 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(211, 177, 146) }
```

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

```
.border{ border-color:rgb(211, 177, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 177, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 177, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 177, 146); box-shadow:4px 4px 4px 4px rgb(211, 177, 146) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3685, 0.3705, 0.3673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 177, 146) }
```

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

```
.background{ background-color: rgb(211,  
177, 146) }
```

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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