

Converting Colors

$Y_{xy}(47.2478, 0.4064, 0.3969)$

Have a look what the booklet for
Yxy(47.2478, 0.4064, 0.3969)
contains.

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Color

Yxy(47.3165, 0.4061, 0.3973)

Conversions

Conversions Part 1

Format	Color
Hex	DDAF75
RGB	221, 175, 117
RGB Percent	87%, 69%, 46%
CMY	0.1333, 0.3137, 0.5412
CMYK	0.00, 0.21, 0.47, 0.13
HSL	33°, 60%, 66%
HSV	33°, 47%, 87%
XYZ	48.3645, 47.3165, 23.4141
YIQ	182.1420, 46.0340, -8.2860

Conversions

Conversions Part 2

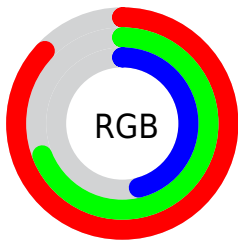
Format	Color
R_{YB}	199, 221, 117
Decimal	14528373
CIE _{Lab}	74.39, 9.56, 36.03
CIE _{LCh}	74, 37.272, 75.141
Yxy	47.3165, 0.4061, 0.3973
Android (android.graphics.Color)	4292718453 (0xFFDDAF75)
YUV	182.1420, -32.1150, 34.0785
Hunter-Lab	68.7870, 5.1272, 27.9694

Details

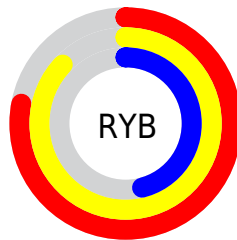
The Yxy color **47.3165, 0.4061, 0.3973** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **35.2078, 0.2356, 0.2477**, and the grayscale version is **47.0222, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7559, 0.3708, 0.3899**, and **22.4637, 0.4312, 0.4138** is the 20% darker color. If you saturate the color by 10%, you get **43.1888, 0.4309, 0.4101**, and if you desaturate by 10%, it is **51.8471, 0.3826, 0.3830**.

Distribution



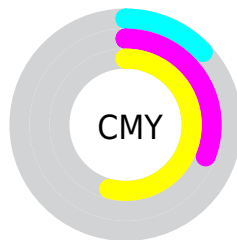
- Red (87%)
- Green (69%)
- Blue (46%)



- Red (78%)
- Yellow (87%)
- Blue (46%)



- Cyan (0%)
- Magenta (21%)
- Yellow (47%)
- Black (13%)





- Cyan (13%)
- Magenta (31%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.3165, 0.4061, 0.3973 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 47.3165, 0.4061, 0.3973 by changing the saturation by 10% instead.

 47.3165, 0.4061,
0.3973

 47.3165, 0.4061,
0.3973


376.0765, 0.3600,
0.3652

 33.2859, 0.4171,
0.4044


 86.1859, 0.3897,
0.3862

 22.3456, 0.4308,
0.4129


 111.7935, 0.3834,
0.3819

 14.1110, 0.4481,
0.4231


 142.0288, 0.3781,
0.3781

 8.1979, 0.4703,
0.4348

177.2764, 0.3734,
0.3749

 4.2219, 0.5036,
0.4513

217.9206, 0.3694,
0.3720

 1.7984, 0.5400,
0.4600

264.3457, 0.3659,

 0.4862, 0.5885,

0.3694

0.4115

316.9362, 0.3628,
0.3672

0.0000, 0.0000,
0.0000

47.3165, 0.4061,
0.3973

47.3165, 0.4061,
0.3973

43.1888, 0.4309,
0.4101

51.8471, 0.3826,
0.3830

39.4428, 0.4561,
0.4201

56.7875, 0.3609,
0.3680

36.0647, 0.4803,
0.4262


62.1525, 0.3413,
0.3531


33.0367, 0.5021,
0.4272

67.9543, 0.3238,
0.3387

30.3371, 0.5204,
0.4228


74.2042, 0.3084,
0.3251

 29.5979, 0.5254,
0.4210

 80.9132, 0.2948,
0.3124

 86.9678, 0.2920,
0.3172

 92.9925, 0.2923,
0.3272

 94.1154, 0.2923,
0.3289

Harmonies

Analogous

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



47.3165, 0.4159, 0.3597



47.3165, 0.4061, 0.3973



47.3165, 0.3707, 0.4208

Triad

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



47.3165, 0.4061, 0.3973



47.3165, 0.2356, 0.3315



47.3165, 0.2971, 0.2567

Complementary

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



47.3165, 0.4061, 0.3973



35.2078, 0.2356, 0.2477

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.



47.3165, 0.2525, 0.2467



47.3165, 0.4061, 0.3973



47.3165, 0.2194, 0.2847

Square

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



47.3165, 0.4061, 0.3973



47.3165, 0.2721, 0.3830



47.3165, 0.2254, 0.2555



47.3165, 0.3500, 0.2824

Rectangle

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



47.3165, 0.4061, 0.3973



47.3165, 0.3386, 0.4222



47.3165, 0.2254, 0.2555



47.3165, 0.2807, 0.2514

Sweetspot

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



47.3188, 0.4061, 0.3973



88.2429, 0.3359, 0.3488



30.7724, 0.3816, 0.2739



18.5231, 0.3399, 0.3519



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.



47.3188, 0.4061, 0.3973



60.0531, 0.4294, 0.4094



67.5799, 0.3778, 0.4453



14.2496, 0.3278, 0.3420



17.4198, 0.5233, 0.4227



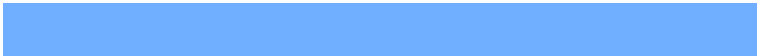
1.2993, 0.5018, 0.4398

Inverse Universe

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



35.2078, 0.2356, 0.2477



41.4873, 0.2205, 0.2278



22.0975, 0.2274, 0.1829



13.5607, 0.2982, 0.3156



8.3017, 0.1722, 0.1399



0.7078, 0.1810, 0.1715

Previews

White Background



This preview shows how the Yxy color 47.3165, 0.4061, 0.3973 looks on a white background.

Color Contrast Check

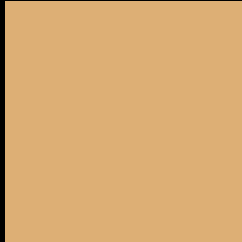
Large Text (above 18pt) WCAG AA × Fail

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 47.3165, 0.4061, 0.3973 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 47.3165, 0.4061, 0.3973

Background



This preview shows how black text looks on a background with the Yxy color 47.3165, 0.4061, 0.3973.



This preview shows how white text looks on a background with the Yxy color 47.3165, 0.4061, 0.3973.

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

47.3165, 0.4061, 0.3973

Protanopia

47.3652, 0.3788, 0.4089

Deuteranopia

47.3165, 0.4061, 0.3973



Tritanopia

47.2636, 0.3571, 0.3141

Trichromacy



Original Color

47.3165, 0.4061, 0.3973

Protanomaly

47.2398, 0.3885, 0.4044

Deuteranomaly

47.3165, 0.4061, 0.3973

Tritanomaly

47.1913, 0.3760, 0.3445

Monochromacy



Original Color

47.3165, 0.4061, 0.3973

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.4446, 0.3454, 0.3561

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3165, 0.4061, 0.3973 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(221, 175, 117)` looks like.

```
.text, #text, p{  
    color:rgb(221, 175, 117)  
}
```

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(221, 175, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 175, 117) }
```

Border

The CSS property to change the border of an element to Yxy 47.3165, 0.4061, 0.3973 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(221, 175, 117) }
```

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

```
.border{ border-color:rgb(221, 175, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 175, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 175, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 175, 117);  
box-shadow:4px 4px 4px 4px rgb(221, 175,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3165, 0.4061, 0.3973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 175, 117) }
```

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

```
.background{ background-color: rgb(221,  
175, 117) }
```

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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