

Converting Colors

$Y_{xy}(47.5804, 0.4043, 0.3915)$

Have a look what the booklet for
Yxy(47.5804, 0.4043, 0.3915)
contains.

| | |
|---|----|
| Yxy(47.7284, 0.4045, 0.3923) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(47.7284, 0.4045, 0.3923)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DFAF79 |
| RGB | 223, 175, 121 |
| RGB Percent | 87%, 69%, 47% |
| CMY | 0.1255, 0.3137, 0.5253 |
| CMYK | 0.00, 0.22, 0.46, 0.13 |
| HSL | 32°, 61%, 67% |
| HSV | 32°, 46%, 87% |
| XYZ | 49.2127, 47.7284, 24.7219 |
| YIQ | 183.1960, 45.9420, -6.6180 |

Conversions

Conversions Part 2

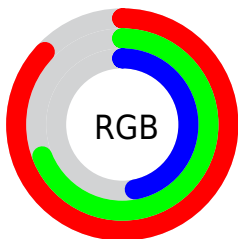
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 212, 223, 121 |
| Decimal | 14659449 |
| CIE Lab | 74.65, 10.75, 34.29 |
| CIE LCh | 75, 35.932, 72.591 |
| Yxy | 47.7284, 0.4045, 0.3923 |
| Android (android.graphics.Color) | 4292849529 (0xFFDFAF79) |
| YUV | 183.1960, -30.6626, 34.9081 |
| Hunter-Lab | 69.0857, 6.2530, 27.1434 |

Details

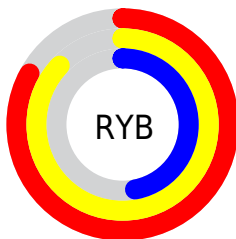
The Yxy color **47.7284, 0.4045, 0.3923** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.7824, 0.2385, 0.2546**, and the grayscale version is **47.6225, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4678, 0.3678, 0.3868**, and **22.7278, 0.4295, 0.4076** is the 20% darker color. If you saturate the color by 10%, you get **43.3167, 0.4301, 0.4047**, and if you desaturate by 10%, it is **52.5887, 0.3805, 0.3785**.

Distribution



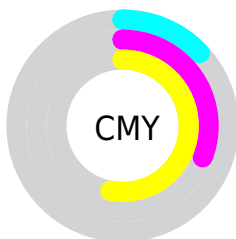
- Red (87%)
- Green (69%)
- Blue (47%)



- Red (83%)
- Yellow (87%)
- Blue (47%)



- Cyan (0%)
- Magenta (22%)
- Yellow (46%)
- Black (13%)




- Cyan (13%)
- Magenta (31%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.7284, 0.4045, 0.3923 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 47.7284, 0.4045, 0.3923 by changing the saturation by 10% instead.


 47.7284, 0.4045,
0.3923

 47.7284, 0.4045,
0.3923


377.7146, 0.3591,
0.3626

 33.6119, 0.4154,
0.3989


 86.7999, 0.3883,
0.3821

 22.5956, 0.4290,
0.4067


 112.5236, 0.3821,
0.3781

 14.2952, 0.4463,
0.4161


 142.8852, 0.3768,
0.3746

 8.3262, 0.4688,
0.4270

178.2690, 0.3723,
0.3716

 4.3044, 0.5006,
0.4406

219.0594, 0.3684,
0.3689

 1.8453, 0.5458,
0.4542

265.6409, 0.3649,

 0.5151, 0.5935,

0.3666

0.4065

318.3978, 0.3618,
0.3645

0.0000, 0.0000,
0.0000

47.7284, 0.4045,
0.3923

47.7284, 0.4045,
0.3923

43.3167, 0.4301,
0.4047

52.5887, 0.3805,
0.3785

39.3307, 0.4565,
0.4146

57.9058, 0.3586,
0.3642

35.7554, 0.4823,
0.4206

63.6959, 0.3390,
0.3500

32.5715, 0.5060,
0.4217

69.9723, 0.3217,
0.3364

29.7564, 0.5260,
0.4173

76.7479, 0.3064,
0.3236

■ 28.6510, 0.5338,
0.4144

■ 84.0346, 0.2931,
0.3117

■ 90.3354, 0.2933,
0.3223

■ 94.4265, 0.2935,
0.3289

Harmonies

Analogous

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



47.7284, 0.4113, 0.3556



47.7284, 0.4045, 0.3923



47.7284, 0.3723, 0.4162

Triad

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



47.7284, 0.4045, 0.3923



47.7284, 0.2407, 0.3358



47.7284, 0.2936, 0.2578

Complementary

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



47.7284, 0.4045, 0.3923



37.7824, 0.2385, 0.2546

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.



47.7284, 0.2517, 0.2495



47.7284, 0.4045, 0.3923



47.7284, 0.2232, 0.2898

Square

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



47.7284, 0.4045, 0.3923



47.7284, 0.2774, 0.3845



47.7284, 0.2272, 0.2599



47.7284, 0.3443, 0.2815

Rectangle

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



47.7284, 0.4045, 0.3923



47.7284, 0.3419, 0.4190



47.7284, 0.2272, 0.2599



47.7284, 0.2781, 0.2531

Sweetspot

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



47.7307, 0.4045, 0.3923



87.6539, 0.3361, 0.3478



32.2867, 0.3747, 0.2715



18.3796, 0.3400, 0.3508



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.



47.7307, 0.4045, 0.3923



58.8814, 0.4293, 0.4044



69.5700, 0.3789, 0.4412



14.8956, 0.3279, 0.3414



17.0764, 0.5316, 0.4161



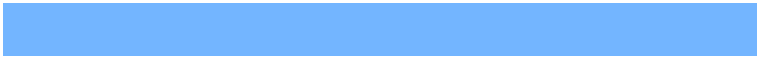
1.3626, 0.5097, 0.4335

Inverse Universe

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



37.7824, 0.2385, 0.2546



43.7996, 0.2232, 0.2352



23.2052, 0.2276, 0.1867



14.3018, 0.2981, 0.3163



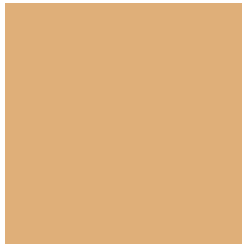
9.2911, 0.1747, 0.1487



0.8222, 0.1827, 0.1777

Previews

White Background



This preview shows how the Yxy color 47.7284, 0.4045, 0.3923 looks on a white background.

Color Contrast Check

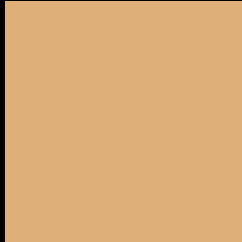
Large Text (above 18pt) WCAG AA × Fail

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 47.7284, 0.4045, 0.3923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

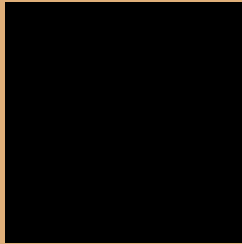
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.7284, 0.4045, 0.3923

Background



This preview shows how black text looks on a background with the Yxy color 47.7284, 0.4045, 0.3923.



This preview shows how white text looks on a background with the Yxy color 47.7284, 0.4045, 0.3923.

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

47.7284, 0.4045, 0.3923

Protanopia

47.9038, 0.3743, 0.4039

Deuteranopia

47.8033, 0.4021, 0.3940



Tritanopia

47.5907, 0.3590, 0.3142

Trichromacy



Original Color

47.7284, 0.4045, 0.3923

Protanomaly

47.9129, 0.3849, 0.3994

Deuteranomaly

47.9607, 0.4031, 0.3937

Tritanomaly

47.5835, 0.3760, 0.3420

Monochromacy



Original Color

47.7284, 0.4045, 0.3923

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.1863, 0.3453, 0.3546

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7284, 0.4045, 0.3923 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(223, 175, 121)` looks like.

```
.text, #text, p{  
    color:rgb(223, 175, 121)  
}
```

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(223, 175, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 175, 121) }
```

Border

The CSS property to change the border of an element to Yxy 47.7284, 0.4045, 0.3923 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(223, 175, 121) }
```

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

```
.border{ border-color:rgb(223, 175, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 175, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 175, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 175, 121);  
box-shadow:4px 4px 4px 4px rgb(223, 175,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7284, 0.4045, 0.3923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 175, 121) }
```

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

```
.background{ background-color: rgb(223,  
175, 121) }
```

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