

Converting Colors

$Yxy(46.3898, 0.3790, 0.3672)$

Have a look what the booklet for
Yxy(46.3898, 0.3790, 0.3672)
contains.

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Color

Yxy(46.2872, 0.3793, 0.3669)

Conversions

Conversions Part 1

Format	Color
Hex	D7AD8E
RGB	215, 173, 142
RGB Percent	84%, 68%, 56%
CMY	0.1569, 0.3216, 0.4430
CMYK	0.00, 0.20, 0.34, 0.16
HSL	25°, 48%, 70%
HSV	25°, 34%, 84%
XYZ	47.8516, 46.2872, 32.0188
YIQ	182.0240, 34.9830, -0.7370

Conversions

Conversions Part 2

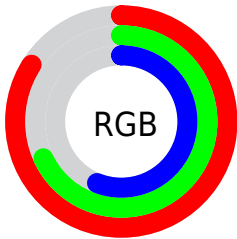
Format	Color
R _Y B	215, 196, 142
Decimal	14134670
CIE Lab	73.73, 10.99, 21.71
CIE LCh	74, 24.333, 63.157
Yxy	46.2872, 0.3793, 0.3669
Android (android.graphics.Color)	4292324750 (0xFFD7AD8E)
YUV	182.0240, -19.7318, 28.9200
Hunter-Lab	68.0347, 6.4855, 19.7210

Details

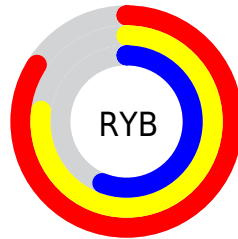
The Yxy color **46.2872, 0.3793, 0.3669** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **44.9541, 0.2595, 0.2875**, and the grayscale version is **46.8904, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7323, 0.3535, 0.3615**, and **21.8184, 0.3977, 0.3761** is the 20% darker color. If you saturate the color by 10%, you get **41.1762, 0.4053, 0.3782**, and if you desaturate by 10%, it is **51.9667, 0.3563, 0.3553**.

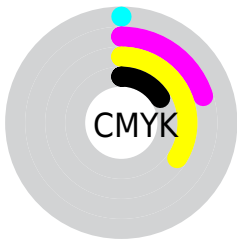
Distribution



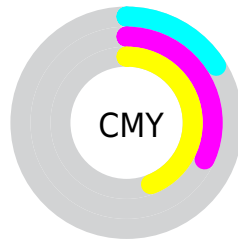
- Red (84%)
- Green (68%)
- Blue (56%)



- Red (84%)
- Yellow (77%)
- Blue (56%)



- Cyan (0%)
- Magenta (20%)
- Yellow (34%)
- Black (16%)




- Cyan (16%)
- Magenta (32%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.2872, 0.3793, 0.3669 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 46.2872, 0.3793, 0.3669 by changing the saturation by 10% instead.

 46.2872, 0.3793,
0.3669


 46.2872, 0.3793,
0.3669


371.9621, 0.3458,
0.3488

 32.4725, 0.3876,
0.3711


 84.6487, 0.3671,
0.3605

 21.7227, 0.3983,
0.3763


 109.9642, 0.3626,
0.3581

 13.6533, 0.4124,
0.3828


139.8822, 0.3587,
0.3560

 7.8799, 0.4317,
0.3910

174.7870, 0.3554,
0.3542

 4.0182, 0.4596,
0.4012

215.0630, 0.3525,
0.3526

 1.6837, 0.5294,
0.4352

261.0945, 0.3500,

 0.4131, 0.6154,

0.3512

0.3846

313.2661, 0.3478,
0.3499

0.0000, 0.0000,
0.0000

46.2872, 0.3793,
0.3669

46.2872, 0.3793,
0.3669

41.1762, 0.4053,
0.3782

51.9667, 0.3563,
0.3553

36.6080, 0.4341,
0.3885

58.2262, 0.3362,
0.3439

32.5647, 0.4647,
0.3965

65.0851, 0.3189,
0.3331

29.0242, 0.4959,
0.4011

72.5596, 0.3039,
0.3229

25.9627, 0.5253,
0.4009

80.6655, 0.2911,
0.3136

■ 23.3533, 0.5508,
0.3954

■ 88.3414, 0.2885,
0.3210

■ 21.9714, 0.5643,
0.3901

■ 93.1863, 0.2889,
0.3289

Harmonies

Analogous

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



46.2872, 0.3771, 0.3401



46.2872, 0.3793, 0.3669



46.2872, 0.3628, 0.3857

Triad

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



46.2872, 0.3793, 0.3669



46.2872, 0.2698, 0.3449



46.2872, 0.2898, 0.2755

Complementary

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



46.2872, 0.3793, 0.3669



44.9541, 0.2595, 0.2875

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.



46.2872, 0.2633, 0.2742



46.2872, 0.3793, 0.3669



46.2872, 0.2523, 0.3122

Square

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



46.2872, 0.3793, 0.3669



46.2872, 0.2991, 0.3742



46.2872, 0.2500, 0.2868



46.2872, 0.3239, 0.2892

Rectangle

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



46.2872, 0.3793, 0.3669



46.2872, 0.3440, 0.3901



46.2872, 0.2500, 0.2868



46.2872, 0.2798, 0.2736

Sweetspot

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



46.2894, 0.3793, 0.3669



89.4556, 0.3292, 0.3397



37.2901, 0.3460, 0.2780



18.8457, 0.3318, 0.3412



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.



46.2894, 0.3793, 0.3669



62.4281, 0.3984, 0.3754



61.9598, 0.3657, 0.4069



13.2786, 0.3281, 0.3389



13.3426, 0.5618, 0.3922



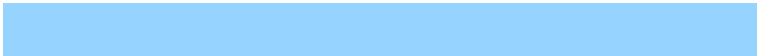
0.9669, 0.5313, 0.4163

Inverse Universe

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



44.9541, 0.2595, 0.2875



60.1496, 0.2479, 0.2766



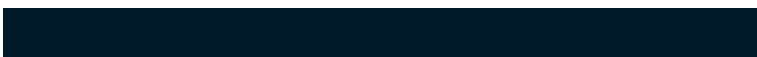
31.8778, 0.2529, 0.2369



13.1837, 0.2982, 0.3189



11.7329, 0.1846, 0.1846



0.8702, 0.1922, 0.2120

Previews

White Background



This preview shows how the Yxy color 46.2872, 0.3793, 0.3669 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 46.2872, 0.3793, 0.3669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

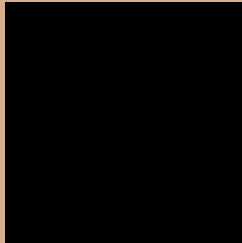
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.2872, 0.3793, 0.3669

Background



This preview shows how black text looks on a background with the Yxy color 46.2872, 0.3793, 0.3669.



This preview shows how white text looks on a background with the Yxy color 46.2872, 0.3793, 0.3669.

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

46.2872, 0.3793, 0.3669

Protanopia

46.4605, 0.3524, 0.3746

Deuteranopia

46.2221, 0.3761, 0.3685



Tritanopia

46.4015, 0.3486, 0.3137

Trichromacy



Original Color

46.2872, 0.3793, 0.3669

Protanomaly

46.3026, 0.3616, 0.3711

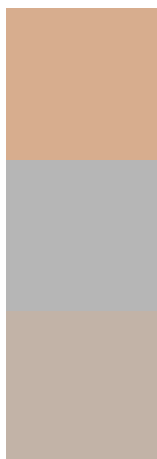
Deuteranomaly

46.3712, 0.3770, 0.3684

Tritanomaly

46.4449, 0.3601, 0.3327

Monochromacy



Original Color

46.2872, 0.3793, 0.3669

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.4996, 0.3359, 0.3445

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2872, 0.3793, 0.3669 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, 173, 142)` looks like.

```
.text, #text, p{  
    color:rgb(215, 173, 142)  
}
```

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, 173, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 173, 142) }
```

Border

The CSS property to change the border of an element to Yxy 46.2872, 0.3793, 0.3669 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, 173, 142) }
```

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

```
.border{ border-color:rgb(215, 173, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 173, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 173, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 173, 142);  
box-shadow:4px 4px 4px 4px rgb(215, 173,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2872, 0.3793, 0.3669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 173, 142) }
```

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

```
.background{ background-color: rgb(215,  
173, 142) }
```

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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