

Converting Colors

$Yxy(46.4073, 0.3878, 0.3653)$

Have a look what the booklet for
Yxy(46.4073, 0.3878, 0.3653)
contains.

Yxy(46.4211, 0.3868, 0.3650)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(46.4211, 0.3868, 0.3650)

Conversions

Conversions Part 1

Format	Color
Hex	DDAB8D
RGB	221, 171, 141
RGB Percent	87%, 67%, 55%
CMY	0.1333, 0.3294, 0.4471
CMYK	0.00, 0.23, 0.36, 0.13
HSL	22°, 54%, 71%
HSV	22°, 36%, 87%
XYZ	49.1936, 46.4211, 31.5663
YIQ	182.5300, 39.4300, 1.2700

Conversions

Conversions Part 2

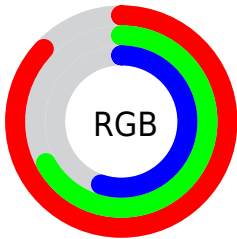
Format	Color
R _{YB}	221, 189, 141
Decimal	14527373
CIE Lab	73.82, 14.30, 22.49
CIE LCh	74, 26.651, 57.551
Yxy	46.4211, 0.3868, 0.3650
Android (android.graphics.Color)	4292717453 (0xFFDDAB8D)
YUV	182.5300, -20.4743, 33.7382
Hunter-Lab	68.1330, 9.6484, 20.2238

Details

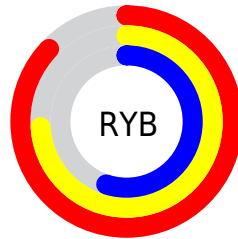
The Yxy color **46.4211, 0.3868, 0.3650** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **48.1552, 0.2566, 0.2896**, and the grayscale version is **47.1829, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5928, 0.3546, 0.3606**, and **21.8415, 0.4068, 0.3734** is the 20% darker color. If you saturate the color by 10%, you get **40.8801, 0.4148, 0.3749**, and if you desaturate by 10%, it is **52.6434, 0.3622, 0.3547**.

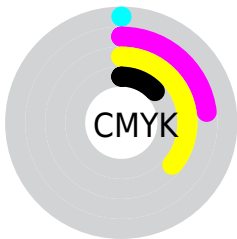
Distribution



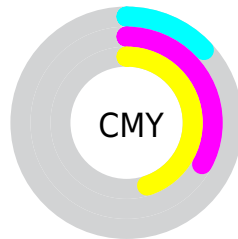
- Red (87%)
- Green (67%)
- Blue (55%)



- Red (87%)
- Yellow (74%)
- Blue (55%)



- Cyan (0%)
- Magenta (23%)
- Yellow (36%)
- Black (13%)





- Cyan (13%)
- Magenta (33%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.4211, 0.3868, 0.3650 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 46.4211, 0.3868, 0.3650 by changing the saturation by 10% instead.


 46.4211, 0.3868,
0.3650


 46.4211, 0.3868,
0.3650


372.4990, 0.3495,
0.3481


 32.5782, 0.3961,
0.3688


 84.8489, 0.3732,
0.3592

 21.8036, 0.4080,
0.3734


 110.2026, 0.3682,
0.3569

 13.7126, 0.4236,
0.3791


 140.1620, 0.3638,
0.3549

 7.9211, 0.4451,
0.3859

175.1116, 0.3602,
0.3532

 4.0445, 0.4759,
0.3938

215.4356, 0.3570,
0.3517

 1.6985, 0.5529,
0.4239

261.5187, 0.3542,

 0.4227, 0.6398,

0.3504

0.3602

313.7450, 0.3517,
0.3492

0.0000, 0.0000,
0.0000

46.4211, 0.3868,
0.3650

46.4211, 0.3868,
0.3650

40.8801, 0.4148,
0.3749

52.6434, 0.3622,
0.3547

35.9892, 0.4460,
0.3835

59.5636, 0.3409,
0.3445

31.7245, 0.4792,
0.3897

67.2058, 0.3227,
0.3347

28.0577, 0.5127,
0.3922

75.5910, 0.3071,
0.3256

24.9577, 0.5438,
0.3899

84.7393, 0.2938,
0.3172

■ 22.3894, 0.5698,
0.3823

■ 93.4126, 0.2923,
0.3278

■ 21.5396, 0.5786,
0.3788

■ 94.1151, 0.2923,
0.3289

Harmonies

Analogous

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



46.4211, 0.3804, 0.3351



46.4211, 0.3868, 0.3650



46.4211, 0.3721, 0.3880

Triad

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



46.4211, 0.3868, 0.3650



46.4211, 0.2710, 0.3530



46.4211, 0.2813, 0.2694

Complementary

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



46.4211, 0.3868, 0.3650



48.1552, 0.2566, 0.2896

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.



46.4211, 0.2550, 0.2707



46.4211, 0.3868, 0.3650



46.4211, 0.2492, 0.3168

Square

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



46.4211, 0.3868, 0.3650



46.4211, 0.3045, 0.3834



46.4211, 0.2437, 0.2870



46.4211, 0.3176, 0.2821

Rectangle

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



46.4211, 0.3868, 0.3650



46.4211, 0.3530, 0.3955



46.4211, 0.2437, 0.2870



46.4211, 0.2711, 0.2682

Sweetspot

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



46.4233, 0.3868, 0.3650



87.6415, 0.3312, 0.3394



38.2166, 0.3450, 0.2700



18.4515, 0.3337, 0.3408



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.



46.4233, 0.3868, 0.3650



58.6253, 0.4065, 0.3722



63.5643, 0.3709, 0.4081



13.8473, 0.3282, 0.3378



12.7110, 0.5758, 0.3810



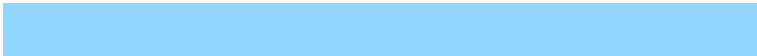
0.9859, 0.5451, 0.4053

Inverse Universe

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



48.1552, 0.2566, 0.2896



61.3112, 0.2460, 0.2803



33.2336, 0.2490, 0.2350



13.9665, 0.2982, 0.3200



13.8414, 0.1894, 0.2019



1.0602, 0.1958, 0.2249

Previews

White Background



This preview shows how the Yxy color 46.4211, 0.3868, 0.3650 looks on a white background.

Color Contrast Check

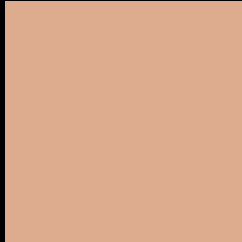
Large Text (above 18pt) WCAG AA × Fail

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 46.4211, 0.3868, 0.3650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

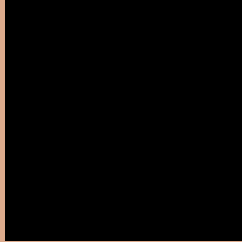
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.4211, 0.3868, 0.3650

Background



This preview shows how black text looks on a background with the Yxy color 46.4211, 0.3868, 0.3650.



This preview shows how white text looks on a background with the Yxy color 46.4211, 0.3868, 0.3650.

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

46.4211, 0.3868, 0.3650

Protanopia

46.4605, 0.3524, 0.3746

Deuteranopia

46.3117, 0.3789, 0.3709



Tritanopia

46.5347, 0.3564, 0.3140

Trichromacy



Original Color

46.4211, 0.3868, 0.3650

Protanomaly

46.1544, 0.3647, 0.3709

Deuteranomaly

46.3795, 0.3821, 0.3692

Tritanomaly

46.5692, 0.3682, 0.3327

Monochromacy



Original Color

46.4211, 0.3868, 0.3650

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.9377, 0.3378, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.4211, 0.3868, 0.3650 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, 171, 141)` looks like.

```
.text, #text, p{  
    color:rgb(221, 171, 141)  
}
```

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, 171, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 171, 141) }
```

Border

The CSS property to change the border of an element to Yxy 46.4211, 0.3868, 0.3650 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, 171, 141) }
```

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

```
.border{ border-color:rgb(221, 171, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 171, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 171, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 171, 141);  
box-shadow:4px 4px 4px 4px rgb(221, 171,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 46.4211, 0.3868, 0.3650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 171, 141) }
```

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

```
.background{ background-color: rgb(221,  
171, 141) }
```

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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