

Converting Colors

$Yxy(46.0191, 0.3839, 0.3888)$

Have a look what the booklet for
Yxy(46.0191, 0.3839, 0.3888)
contains.

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Color

Yxy(46.0191, 0.3839, 0.3888)

Conversions

Conversions Part 1

Format	Color
Hex	D0B080
RGB	208, 176, 128
RGB Percent	82%, 69%, 50%
CMY	0.1842, 0.3098, 0.4981
CMYK	0.00, 0.15, 0.38, 0.18
HSL	36°, 46%, 66%
HSV	36°, 38%, 82%
XYZ	45.4391, 46.0191, 26.9037
YIQ	180.0960, 34.4800, -8.1440

Conversions

Conversions Part 2

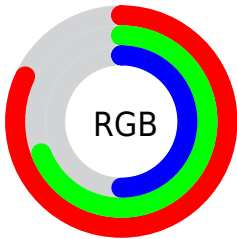
Format	Color
R _Y B	181, 208, 128
Decimal	13676672
CIE Lab	73.56, 4.94, 28.91
CIE LCh	74, 29.328, 80.311
Yxy	46.0191, 0.3839, 0.3888
Android (android.graphics.Color)	4291866752 (0xFFD0B080)
YUV	180.0960, -25.6833, 24.4718
Hunter-Lab	67.8374, 0.8482, 23.9723

Details

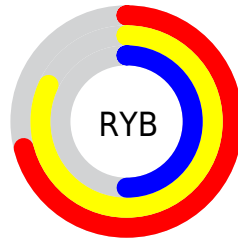
The Yxy color **46.0191, 0.3839, 0.3888** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **34.2909, 0.2495, 0.2603**, and the grayscale version is **45.8245, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3094, 0.3628, 0.3807**, and **21.6408, 0.4030, 0.4051** is the 20% darker color. If you saturate the color by 10%, you get **42.3633, 0.4064, 0.4039**, and if you desaturate by 10%, it is **49.9917, 0.3628, 0.3729**.

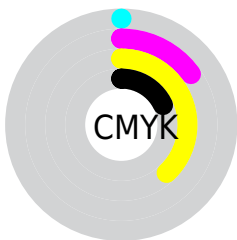
Distribution



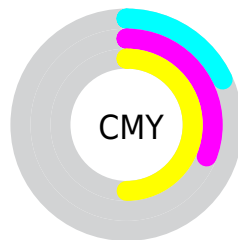
- Red (82%)
- Green (69%)
- Blue (50%)



- Red (71%)
- Yellow (82%)
- Blue (50%)



- Cyan (0%)
- Magenta (15%)
- Yellow (38%)
- Black (18%)





- Cyan (18%)
- Magenta (31%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.0191, 0.3839, 0.3888 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 46.0191, 0.3839, 0.3888 by changing the saturation by 10% instead.


 46.0191, 0.3839,
0.3888


 46.0191, 0.3839,
0.3888

370.8854, 0.3485,
0.3597


 32.2609, 0.3925,
0.3957

 84.2476, 0.3711,
0.3785

 21.5609, 0.4034,
0.4042


 109.4866, 0.3663,
0.3745

 13.5346, 0.4175,
0.4149

 139.3215, 0.3622,
0.3711

 7.7977, 0.4362,
0.4286

174.1364, 0.3587,
0.3682

 3.9658, 0.4619,
0.4461

214.3159, 0.3556,
0.3657

 1.6544, 0.5158,
0.4842

260.2443, 0.3529,

 0.3939, 0.5568,

0.3634

0.4432

312.3060, 0.3506,
0.3615

0.0000, 0.0000,
0.0000

46.0191, 0.3839,
0.3888

46.0191, 0.3839,
0.3888

42.3633, 0.4064,
0.4039

49.9917, 0.3628,
0.3729

39.0075, 0.4298,
0.4173

54.2844, 0.3435,
0.3570

35.9424, 0.4530,
0.4278

58.9087, 0.3260,
0.3415

33.1555, 0.4749,
0.4341

63.8734, 0.3105,
0.3268

30.6328, 0.4942,
0.4355

69.1867, 0.2967,
0.3131

■ 28.3544, 0.5103,
0.4319

■ 74.8566, 0.2845,
0.3004

■ 28.0253, 0.5127,
0.4311

■ 79.6342, 0.2837,
0.3071

■ 84.4938, 0.2842,
0.3160

■ 89.5792, 0.2847,
0.3247

Harmonies

Analogous

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



46.0191, 0.3950, 0.3606



46.0191, 0.3839, 0.3888



46.0191, 0.3535, 0.4029

Triad

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



46.0191, 0.3839, 0.3888



46.0191, 0.2472, 0.3247



46.0191, 0.3078, 0.2731

Complementary

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



46.0191, 0.3839, 0.3888



34.2909, 0.2495, 0.2603

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.



46.0191, 0.2699, 0.2626



46.0191, 0.3839, 0.3888



46.0191, 0.2368, 0.2892

Square

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



46.0191, 0.3839, 0.3888



46.0191, 0.2746, 0.3649



46.0191, 0.2447, 0.2676



46.0191, 0.3495, 0.2961

Rectangle

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



46.0191, 0.3839, 0.3888



46.0191, 0.3271, 0.4003



46.0191, 0.2447, 0.2676



46.0191, 0.2942, 0.2680

Sweetspot

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



46.0212, 0.3839, 0.3888



90.6178, 0.3322, 0.3471



31.4333, 0.3673, 0.2872



19.1876, 0.3345, 0.3491



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.



46.0212, 0.3839, 0.3888



68.2264, 0.4020, 0.4011



59.1511, 0.3644, 0.4257



12.9707, 0.3276, 0.3429



17.6552, 0.5110, 0.4325



1.1402, 0.4898, 0.4493

Inverse Universe

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



34.2909, 0.2495, 0.2603



47.1460, 0.2356, 0.2428



25.1119, 0.2479, 0.2143



12.1831, 0.2982, 0.3147



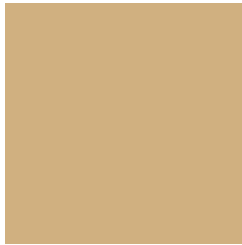
6.8946, 0.1688, 0.1275



0.5391, 0.1790, 0.1644

Previews

White Background



This preview shows how the Yxy color 46.0191, 0.3839, 0.3888 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 46.0191, 0.3839, 0.3888 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 46.0191, 0.3839, 0.3888

Background



This preview shows how black text looks on a background with the Yxy color 46.0191, 0.3839, 0.3888.



This preview shows how white text looks on a background with the Yxy color 46.0191, 0.3839, 0.3888.

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

46.0191, 0.3839, 0.3888

Protanopia

46.2616, 0.3677, 0.3951

Deuteranopia

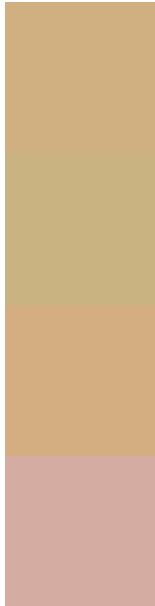
45.9192, 0.3911, 0.3826



Tritanopia

46.0495, 0.3428, 0.3135

Trichromacy



Original Color

46.0191, 0.3839, 0.3888

Protanomaly

46.1045, 0.3741, 0.3928

Deuteranomaly

45.8541, 0.3877, 0.3844

Tritanomaly

46.1107, 0.3585, 0.3414

Monochromacy



Original Color

46.0191, 0.3839, 0.3888

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.7606, 0.3374, 0.3526

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0191, 0.3839, 0.3888 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(208, 176, 128)` looks like.

```
.text, #text, p{  
    color:rgb(208, 176, 128)  
}
```

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(208, 176, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 176, 128) }
```

Border

The CSS property to change the border of an element to Yxy 46.0191, 0.3839, 0.3888 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(208, 176, 128) }
```

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

```
.border{ border-color:rgb(208, 176, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 176, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 176, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 176, 128);  
box-shadow:4px 4px 4px 4px rgb(208, 176,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0191, 0.3839, 0.3888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 176, 128) }
```

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

```
.background{ background-color: rgb(208,  
176, 128) }
```

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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