

Converting Colors

$Y_{xy}(46.3986, 0.3770, 0.3990)$

Have a look what the booklet for
Yxy(46.3986, 0.3770, 0.3990)
contains.

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Color

Yxy(46.4025, 0.3770, 0.3990)

Conversions

Conversions Part 1

Format	Color
Hex	C8B47D
RGB	200, 180, 125
RGB Percent	78%, 71%, 49%
CMY	0.2157, 0.2941, 0.5098
CMYK	0.00, 0.10, 0.37, 0.22
HSL	44°, 41%, 64%
HSV	44°, 37%, 78%
XYZ	43.8440, 46.4025, 26.0505
YIQ	179.7100, 29.5750, -12.8650

Conversions

Conversions Part 2

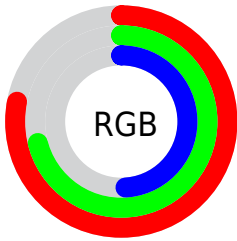
Format	Color
R _{YB}	152, 200, 125
Decimal	13153405
CIE Lab	73.81, -0.76, 30.68
CIE LCh	74, 30.687, 91.424
Yxy	46.4025, 0.3770, 0.3990
Android (android.graphics.Color)	4291343485 (0xFFC8B47D)
YUV	179.7100, -26.9720, 17.7943
Hunter-Lab	68.1194, -4.3202, 25.0096

Details

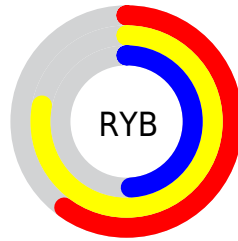
The Yxy color **46.4025, 0.3770, 0.3990** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **28.7861, 0.2491, 0.2471**, and the grayscale version is **45.6154, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.4653, 0.3637, 0.3875**, and **21.7065, 0.3949, 0.4174** is the 20% darker color. If you saturate the color by 10%, you get **43.8311, 0.3962, 0.4170**, and if you desaturate by 10%, it is **49.1641, 0.3583, 0.3801**.

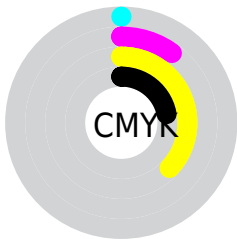
Distribution



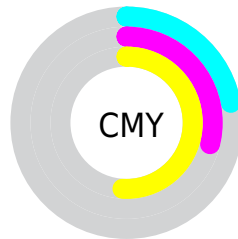
- Red (78%)
- Green (71%)
- Blue (49%)



- Red (60%)
- Yellow (78%)
- Blue (49%)



- Cyan (0%)
- Magenta (10%)
- Yellow (37%)
- Black (22%)





- Cyan (22%)
- Magenta (29%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.4025, 0.3770, 0.3990 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 46.4025, 0.3770, 0.3990 by changing the saturation by 10% instead.


 46.4025, 0.3770,
0.3990


 46.4025, 0.3770,
0.3990

372.4245, 0.3453,
0.3644


 32.5636, 0.3846,
0.4073


 84.8211, 0.3657,
0.3866

 21.7923, 0.3941,
0.4178


 110.1695, 0.3614,
0.3819

 13.7044, 0.4061,
0.4311


 140.1231, 0.3577,
0.3779

 7.9153, 0.4218,
0.4485

175.0665, 0.3545,
0.3744

 4.0408, 0.4430,
0.4723

215.3839, 0.3518,
0.3714

 1.6964, 0.4828,
0.5172

261.4598, 0.3494,

 0.4213, 0.4754,

0.3688

0.5246

313.6785, 0.3472,
0.3665

0.0000, 0.0000,
0.0000

46.4025, 0.3770,
0.3990

46.4025, 0.3770,
0.3990

43.8311, 0.3962,
0.4170

49.1641, 0.3583,
0.3801

41.4362, 0.4152,
0.4332

52.1159, 0.3406,
0.3610

39.2122, 0.4332,
0.4465

55.2664, 0.3242,
0.3424

37.1504, 0.4495,
0.4558

58.6213, 0.3091,
0.3246

35.2406, 0.4631,
0.4604

62.1861, 0.2954,
0.3079

■ 33.4691, 0.4737,
0.4604

■ 65.9661, 0.2830,
0.2924

■ 33.0416, 0.4762,
0.4601

■ 69.3044, 0.2776,
0.2881

■ 72.1050, 0.2780,
0.2941

■ 74.9954, 0.2784,
0.2999

Harmonies

Analogous

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



46.4025, 0.3971, 0.3737



46.4025, 0.3770, 0.3990



46.4025, 0.3401, 0.4062

Triad

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



46.4025, 0.3770, 0.3990



46.4025, 0.2383, 0.3093



46.4025, 0.3238, 0.2784

Complementary

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



46.4025, 0.3770, 0.3990



28.7861, 0.2491, 0.2471

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.



46.4025, 0.2815, 0.2622



46.4025, 0.3770, 0.3990



46.4025, 0.2346, 0.2771

Square

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



46.4025, 0.3770, 0.3990



46.4025, 0.2606, 0.3513



46.4025, 0.2497, 0.2612



46.4025, 0.3657, 0.3060

Rectangle

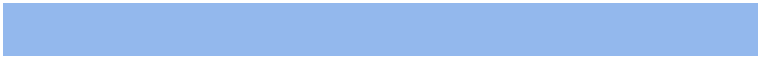
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



46.4025, 0.3770, 0.3990



46.4025, 0.3116, 0.3972



46.4025, 0.2497, 0.2612



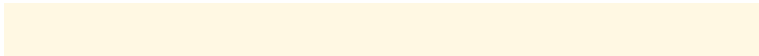
46.4025, 0.3091, 0.2715

Sweetspot

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



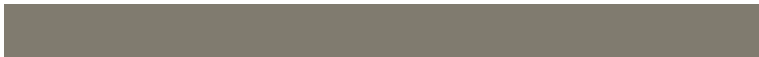
46.4046, 0.3770, 0.3990



93.6422, 0.3300, 0.3491



29.0334, 0.3773, 0.3012



19.8821, 0.3323, 0.3517



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.



46.4046, 0.3770, 0.3990



76.6835, 0.3926, 0.4138



52.9527, 0.3545, 0.4259



11.9198, 0.3272, 0.3459



21.1613, 0.4752, 0.4609



1.1164, 0.4611, 0.4721

Inverse Universe

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



28.7861, 0.2491, 0.2471



41.8891, 0.2339, 0.2255



24.5256, 0.2589, 0.2206



10.7400, 0.2983, 0.3116



4.4181, 0.1594, 0.0937



0.3323, 0.1712, 0.1364

Previews

White Background



This preview shows how the Yxy color 46.4025, 0.3770, 0.3990 looks on a white background.

Color Contrast Check

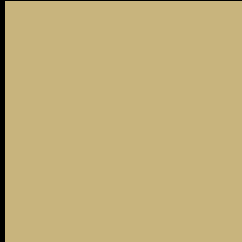
Large Text (above 18pt) WCAG AA × Fail

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 46.4025, 0.3770, 0.3990 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

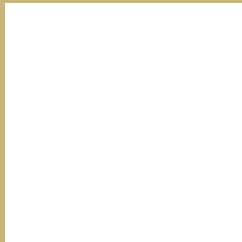
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.4025, 0.3770, 0.3990

Background



This preview shows how black text looks on a background with the Yxy color 46.4025, 0.3770, 0.3990.



This preview shows how white text looks on a background with the Yxy color 46.4025, 0.3770, 0.3990.

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

46.4025, 0.3770, 0.3990

Protanopia

46.2899, 0.3720, 0.3999

Deuteranopia

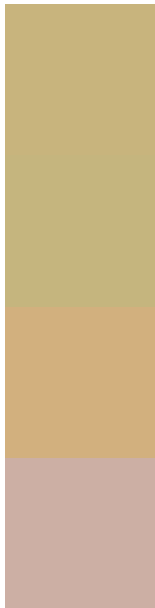
46.3774, 0.3942, 0.3871



Tritanopia

46.3156, 0.3324, 0.3120

Trichromacy



Original Color

46.4025, 0.3770, 0.3990

Protanomaly

46.4244, 0.3729, 0.3997

Deuteranomaly

46.2587, 0.3875, 0.3908

Tritanomaly

46.1776, 0.3485, 0.3429

Monochromacy



Original Color

46.4025, 0.3770, 0.3990

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.7454, 0.3353, 0.3554

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.4025, 0.3770, 0.3990 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(200, 180, 125)` looks like.

```
.text, #text, p{  
    color:rgb(200, 180, 125)  
}
```

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(200, 180, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 180, 125) }
```

Border

The CSS property to change the border of an element to Yxy 46.4025, 0.3770, 0.3990 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(200, 180, 125) }
```

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

```
.border{ border-color:rgb(200, 180, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 180, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 180, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 180, 125);  
box-shadow:4px 4px 4px 4px rgb(200, 180,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 46.4025, 0.3770, 0.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 180, 125) }
```

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

```
.background{ background-color: rgb(200,  
180, 125) }
```

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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