

Converting Colors

$Yxy(45.2468, 0.3906, 0.3901)$

Have a look what the booklet for
Yxy(45.2468, 0.3906, 0.3901)
contains.

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Color

Yxy(45.0440, 0.3907, 0.3897)

Conversions

Conversions Part 1

Format	Color
Hex	D2AD7C
RGB	210, 173, 124
RGB Percent	82%, 68%, 49%
CMY	0.1765, 0.3215, 0.5137
CMYK	0.00, 0.18, 0.41, 0.18
HSL	34°, 49%, 65%
HSV	34°, 41%, 82%
XYZ	45.1596, 45.0440, 25.3828
YIQ	178.4770, 37.7810, -7.3950

Conversions

Conversions Part 2

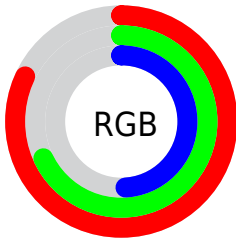
Format	Color
RYB	189, 210, 124
Decimal	13806972
CIELab	72.92, 6.88, 30.22
CIELCh	73, 30.995, 77.178
Yxy	45.0440, 0.3907, 0.3897
Android (android.graphics.Color)	4291997052 (0xFFD2AD7C)
YUV	178.4770, -26.8572, 27.6457
Hunter-Lab	67.1148, 2.6564, 24.5570

Details

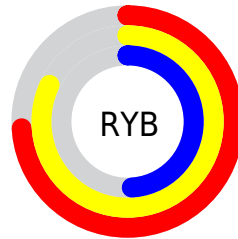
The Yxy color **45.0440, 0.3907, 0.3897** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **34.4255, 0.2458, 0.2588**, and the grayscale version is **44.9180, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9211, 0.3666, 0.3809**, and **21.0392, 0.4127, 0.4058** is the 20% darker color. If you saturate the color by 10%, you get **41.2219, 0.4144, 0.4038**, and if you desaturate by 10%, it is **49.2177, 0.3686, 0.3746**.

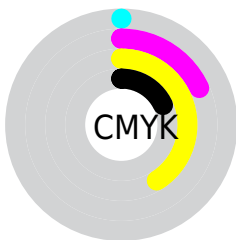
Distribution



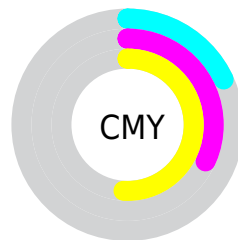
- Red (82%)
- Green (68%)
- Blue (49%)



- Red (74%)
- Yellow (82%)
- Blue (49%)



- Cyan (0%)
- Magenta (18%)
- Yellow (41%)
- Black (18%)





- Cyan (18%)
- Magenta (32%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.0440, 0.3907, 0.3897 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 45.0440, 0.3907, 0.3897 by changing the saturation by 10% instead.

 45.0440, 0.3907,
0.3897


 45.0440, 0.3907,
0.3897


366.9517, 0.3517,
0.3603

 31.4921, 0.4002,
0.3965

 82.7864, 0.3766,
0.3794

 20.9738, 0.4122,
0.4049

 107.7457, 0.3713,
0.3754

 13.1049, 0.4278,
0.4154


 137.2763, 0.3668,
0.3719

 7.5008, 0.4483,
0.4284

171.7625, 0.3629,
0.3690

 3.7772, 0.4778,
0.4456

211.5888, 0.3596,
0.3664

 1.5497, 0.5276,
0.4724

257.1395, 0.3566,

 0.3234, 0.5951,

0.3641

0.4049

308.7990, 0.3540,
0.3621

0.0000, 0.0000,
0.0000

45.0440, 0.3907,
0.3897

45.0440, 0.3907,
0.3897

41.2219, 0.4144,
0.4038

49.2177, 0.3686,
0.3746

37.7332, 0.4389,
0.4160

53.7478, 0.3484,
0.3594

34.5673, 0.4632,
0.4249

58.6467, 0.3303,
0.3445

31.7100, 0.4861,
0.4295

63.9245, 0.3141,
0.3303

29.1451, 0.5060,
0.4288

69.5905, 0.2999,
0.3170

■ 27.0542, 0.5214,
0.4242

■ 75.6539, 0.2874,
0.3047

■ 81.0495, 0.2850,
0.3093

■ 86.3905, 0.2855,
0.3188

■ 91.9984, 0.2860,
0.3282

Harmonies

Analogous

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



45.0440, 0.4002, 0.3586



45.0440, 0.3907, 0.3897



45.0440, 0.3599, 0.4072

Triad

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



45.0440, 0.3907, 0.3897



45.0440, 0.2454, 0.3287



45.0440, 0.3027, 0.2679

Complementary

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



45.0440, 0.3907, 0.3897



34.4255, 0.2458, 0.2588

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.



45.0440, 0.2636, 0.2584



45.0440, 0.3907, 0.3897



45.0440, 0.2325, 0.2898

Square

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



45.0440, 0.3907, 0.3897



45.0440, 0.2760, 0.3715



45.0440, 0.2389, 0.2654



45.0440, 0.3474, 0.2911

Rectangle

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



45.0440, 0.3907, 0.3897



45.0440, 0.3324, 0.4064



45.0440, 0.2389, 0.2654



45.0440, 0.2885, 0.2631

Sweetspot

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



45.0461, 0.3907, 0.3897



90.0710, 0.3323, 0.3462



30.6995, 0.3706, 0.2827



19.0588, 0.3346, 0.3482



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.



45.0461, 0.3907, 0.3897



64.7640, 0.4110, 0.4019



60.4224, 0.3688, 0.4313



12.9104, 0.3276, 0.3422



16.7062, 0.5195, 0.4257



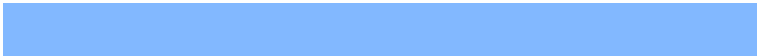
1.0901, 0.4962, 0.4442

Inverse Universe

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



34.4255, 0.2458, 0.2588



46.1668, 0.2314, 0.2408



23.7934, 0.2417, 0.2053



12.2420, 0.2982, 0.3154



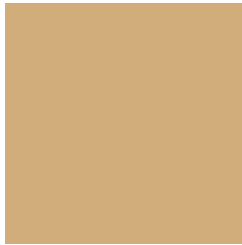
7.5243, 0.1713, 0.1365



0.5769, 0.1813, 0.1726

Previews

White Background



This preview shows how the Yxy color 45.0440, 0.3907, 0.3897 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 45.0440, 0.3907, 0.3897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

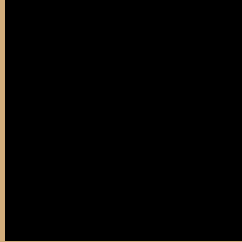
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.0440, 0.3907, 0.3897

Background



This preview shows how black text looks on a background with the Yxy color 45.0440, 0.3907, 0.3897.



This preview shows how white text looks on a background with the Yxy color 45.0440, 0.3907, 0.3897.

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

45.0440, 0.3907, 0.3897

Protanopia

45.1100, 0.3691, 0.3970

Deuteranopia

44.8772, 0.3956, 0.3865



Tritanopia

44.9742, 0.3471, 0.3135

Trichromacy



Original Color

45.0440, 0.3907, 0.3897

Protanomaly

45.0928, 0.3765, 0.3945

Deuteranomaly

45.1064, 0.3941, 0.3879

Tritanomaly

45.0253, 0.3631, 0.3414

Monochromacy



Original Color

45.0440, 0.3907, 0.3897

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.4664, 0.3406, 0.3527

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0440, 0.3907, 0.3897 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(210, 173, 124)` looks like.

```
.text, #text, p{  
    color:rgb(210, 173, 124)  
}
```

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(210, 173, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 173, 124) }
```

Border

The CSS property to change the border of an element to Yxy 45.0440, 0.3907, 0.3897 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(210, 173, 124) }
```

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

```
.border{ border-color:rgb(210, 173, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 173, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 173, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 173, 124);  
box-shadow:4px 4px 4px 4px rgb(210, 173,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0440, 0.3907, 0.3897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 173, 124) }
```

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

```
.background{ background-color: rgb(210,  
173, 124) }
```

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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