

Converting Colors

$Y_{xy}(45.4114, 0.3753, 0.3744)$

Have a look what the booklet for
Yxy(45.4114, 0.3753, 0.3744)
contains.

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Color

Yxy(45.3725, 0.3749, 0.3743)

Conversions

Conversions Part 1

Format	Color
Hex	CFAE8A
RGB	207, 174, 138
RGB Percent	81%, 68%, 54%
CMY	0.1884, 0.3176, 0.4589
CMYK	0.00, 0.16, 0.33, 0.19
HSL	31°, 42%, 68%
HSV	31°, 33%, 81%
XYZ	45.4452, 45.3725, 30.4019
YIQ	179.7630, 31.2240, -4.2000

Conversions

Conversions Part 2

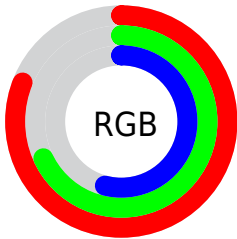
Format	Color
R _Y B	201, 207, 138
Decimal	13610634
CIE Lab	73.14, 6.77, 22.96
CIE LCh	73, 23.940, 73.574
Yxy	45.3725, 0.3749, 0.3743
Android (android.graphics.Color)	4291800714 (0xFFCFAE8A)
YUV	179.7630, -20.5892, 23.8868
Hunter-Lab	67.3591, 2.5503, 20.3914

Details

The Yxy color **45.3725, 0.3749, 0.3743** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **38.9996, 0.2594, 0.2788**, and the grayscale version is **45.6065, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.1044, 0.3560, 0.3666**, and **21.2990, 0.3928, 0.3861** is the 20% darker color. If you saturate the color by 10%, you get **41.1518, 0.3984, 0.3881**, and if you desaturate by 10%, it is **49.9926, 0.3536, 0.3602**.

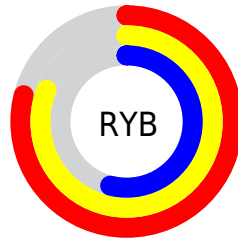
Distribution



Red (81%)

Green (68%)

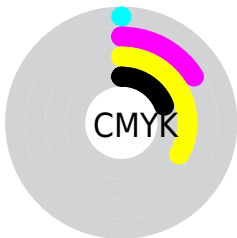
Blue (54%)



Red (79%)

Yellow (81%)

Blue (54%)

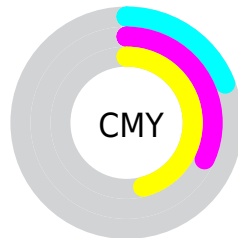


Cyan (0%)

Magenta (16%)

Yellow (33%)

Black (19%)



Cyan (19%)


Magenta (32%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.3725, 0.3749, 0.3743 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 45.3725, 0.3749, 0.3743 by changing the saturation by 10% instead.


 45.3725, 0.3749,
0.3743


 45.3725, 0.3749,
0.3743


368.2801, 0.3436,
0.3522

 31.7509, 0.3827,
0.3796


 83.2791, 0.3635,
0.3664

 21.1713, 0.3926,
0.3861


 108.3329, 0.3593,
0.3634

 13.2493, 0.4057,
0.3945

 137.9663, 0.3557,
0.3609

 7.6004, 0.4235,
0.4055

172.5636, 0.3526,
0.3587

 3.8404, 0.4490,
0.4198

212.5093, 0.3499,
0.3567

 1.5847, 0.5267,
0.4733

258.1876, 0.3475,

 0.3472, 0.5879,

0.3550

0.4121

309.9831, 0.3455,
0.3535

0.0000, 0.0000,
0.0000

45.3725, 0.3749,
0.3743

45.3725, 0.3749,
0.3743

41.1518, 0.3984,
0.3881

49.9926, 0.3536,
0.3602

37.3115, 0.4238,
0.4008

55.0176, 0.3346,
0.3464

33.8406, 0.4502,
0.4112


60.4607, 0.3178,
0.3332

30.7245, 0.4766,
0.4183


66.3327, 0.3031,
0.3208

27.9472, 0.5012,
0.4206

72.6439, 0.2903,
0.3094

 25.4908, 0.5226,
0.4176

 78.9343, 0.2830,
0.3060

 24.0129, 0.5352,
0.4133

 84.6969, 0.2836,
0.3166

 90.7779, 0.2842,
0.3269

 91.9988, 0.2843,
0.3289

Harmonies

Analogous

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



45.3725, 0.3795, 0.3497



45.3725, 0.3749, 0.3743



45.3725, 0.3532, 0.3884

Triad

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



45.3725, 0.3749, 0.3743



45.3725, 0.2626, 0.3333



45.3725, 0.3013, 0.2794

Complementary

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



45.3725, 0.3749, 0.3743



38.9996, 0.2594, 0.2788

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.



45.3725, 0.2716, 0.2736



45.3725, 0.3749, 0.3743



45.3725, 0.2503, 0.3025

Square

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



45.3725, 0.3749, 0.3743



45.3725, 0.2882, 0.3648



45.3725, 0.2535, 0.2813



45.3725, 0.3356, 0.2967

Rectangle

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



45.3725, 0.3749, 0.3743



45.3725, 0.3325, 0.3886



45.3725, 0.2535, 0.2813



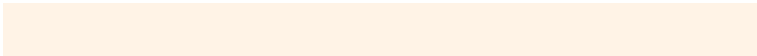
45.3725, 0.2905, 0.2761

Sweetspot

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



45.3746, 0.3749, 0.3743



90.9411, 0.3290, 0.3421



34.3846, 0.3525, 0.2873



19.2046, 0.3314, 0.3440



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.



45.3746, 0.3749, 0.3743



67.8456, 0.3915, 0.3842



59.5318, 0.3616, 0.4117



12.8157, 0.3278, 0.3412



15.3274, 0.5332, 0.4149



1.0154, 0.5067, 0.4359

Inverse Universe

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



38.9996, 0.2594, 0.2788



56.0942, 0.2476, 0.2658



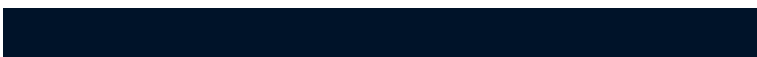
28.1768, 0.2542, 0.2310



12.3356, 0.2982, 0.3165



8.6286, 0.1754, 0.1515



0.6409, 0.1850, 0.1859

Previews

White Background



This preview shows how the Yxy color 45.3725, 0.3749, 0.3743 looks on a white background.

Color Contrast Check

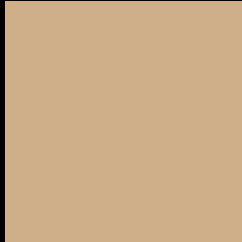
Large Text (above 18pt) WCAG AA × Fail

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 45.3725, 0.3749, 0.3743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

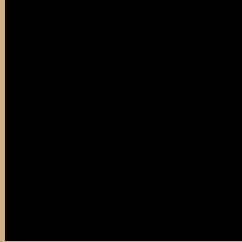
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.3725, 0.3749, 0.3743

Background



This preview shows how black text looks on a background with the Yxy color 45.3725, 0.3749, 0.3743.



This preview shows how white text looks on a background with the Yxy color 45.3725, 0.3749, 0.3743.

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

45.3725, 0.3749, 0.3743

Protanopia

45.2100, 0.3562, 0.3804

Deuteranopia

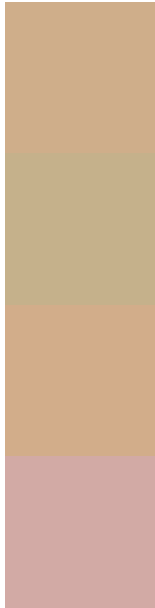
45.1889, 0.3796, 0.3712



Tritanopia

45.3385, 0.3421, 0.3133

Trichromacy



Original Color

45.3725, 0.3749, 0.3743

Protanomaly

45.1787, 0.3634, 0.3782

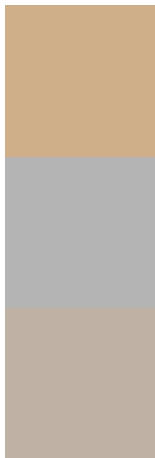
Deuteranomaly

45.4238, 0.3782, 0.3726

Tritanomaly

45.1677, 0.3544, 0.3353

Monochromacy



Original Color

45.3725, 0.3749, 0.3743

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.5046, 0.3342, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3725, 0.3749, 0.3743 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(207, 174, 138)` looks like.

```
.text, #text, p{  
    color:rgb(207, 174, 138)  
}
```

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(207, 174, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 174, 138) }
```

Border

The CSS property to change the border of an element to Yxy 45.3725, 0.3749, 0.3743 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(207, 174, 138) }
```

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

```
.border{ border-color:rgb(207, 174, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 174, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 174, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 174, 138);  
box-shadow:4px 4px 4px 4px rgb(207, 174,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3725, 0.3749, 0.3743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 174, 138) }
```

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

```
.background{ background-color: rgb(207,  
174, 138) }
```

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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