

Converting Colors

$Y_{xy}(45.3363, 0.3866, 0.3573)$

Have a look what the booklet for
Yxy(45.3363, 0.3866, 0.3573)
contains.

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Color

Yxy(45.1806, 0.3866, 0.3566)

Conversions

Conversions Part 1

Format	Color
Hex	DEA790
RGB	222, 167, 144
RGB Percent	87%, 65%, 56%
CMY	0.1294, 0.3451, 0.4352
CMYK	0.00, 0.25, 0.35, 0.13
HSL	18°, 54%, 72%
HSV	18°, 35%, 87%
XYZ	48.9815, 45.1806, 32.5361
YIQ	180.8230, 40.1630, 4.5070

Conversions

Conversions Part 2

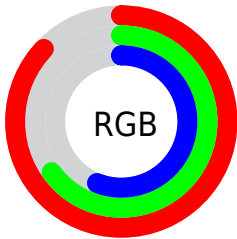
Format	Color
RYB	222, 177, 144
Decimal	14591888
CIELab	73.01, 17.20, 19.76
CIELCh	73, 26.195, 48.955
Yxy	45.1806, 0.3866, 0.3566
Android (android.graphics.Color)	4292781968 (0xFFDEA790)
YUV	180.8230, -18.1537, 36.1122
Hunter-Lab	67.2165, 12.4464, 18.3523

Details

The Yxy color **45.1806, 0.3866, 0.3566** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.0741, 0.2594, 0.2993**, and the grayscale version is **46.1939, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5798, 0.3534, 0.3535**, and **21.0690, 0.4070, 0.3623** is the 20% darker color. If you saturate the color by 10%, you get **39.1738, 0.4163, 0.3645**, and if you desaturate by 10%, it is **52.0202, 0.3610, 0.3484**.

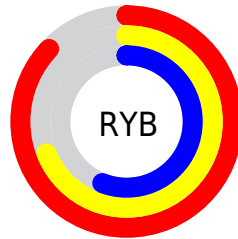
Distribution



Red (87%)

Green (65%)

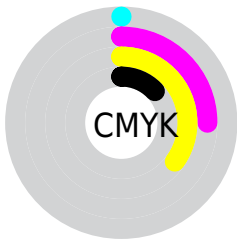
Blue (56%)



Red (87%)

Yellow (69%)

Blue (56%)

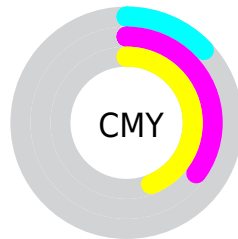


Cyan (0%)

Magenta (25%)

Yellow (35%)

Black (13%)



Cyan (13%)


Magenta (35%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.1806, 0.3866, 0.3566 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 45.1806, 0.3866, 0.3566 by changing the saturation by 10% instead.


 45.1806, 0.3866,
0.3566


 45.1806, 0.3866,
0.3566


367.5045, 0.3492,
0.3438

 31.5997, 0.3960,
0.3594


 82.9914, 0.3729,
0.3522

 21.0559, 0.4081,
0.3628


 107.9900, 0.3678,
0.3505

 13.1649, 0.4242,
0.3668


137.5634, 0.3635,
0.3490

 7.5422, 0.4466,
0.3715

172.0958, 0.3598,
0.3477

 3.8034, 0.4792,
0.3764

211.9718, 0.3566,
0.3466

 1.5642, 0.5555,
0.3970

257.5756, 0.3538,

 0.3333, 0.6885,

0.3456

0.3115

309.2917, 0.3513,
0.3447

0.0000, 0.0000,
0.0000

45.1806, 0.3866,
0.3566

45.1806, 0.3866,
0.3566

39.1738, 0.4163,
0.3645

52.0202, 0.3610,
0.3484

33.9608, 0.4500,
0.3713

59.7169, 0.3392,
0.3404

29.5089, 0.4867,
0.3759

68.3020, 0.3209,
0.3327

25.7804, 0.5241,
0.3773

77.8030, 0.3055,
0.3256

22.7341, 0.5591,
0.3744

88.2441, 0.2926,
0.3191

■ 20.3235, 0.5878,
0.3668

■ 94.2716, 0.2929,
0.3289

■ 19.3569, 0.5995,
0.3622

Harmonies

Analogous

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



45.1806, 0.3742, 0.3263



45.1806, 0.3866, 0.3566



45.1806, 0.3777, 0.3822

Triad

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



45.1806, 0.3866, 0.3566



45.1806, 0.2799, 0.3627



45.1806, 0.2728, 0.2687

Complementary

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



45.1806, 0.3866, 0.3566



52.0741, 0.2594, 0.2993

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.



45.1806, 0.2506, 0.2742



45.1806, 0.3866, 0.3566



45.1806, 0.2544, 0.3270

Square

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



45.1806, 0.3866, 0.3566



45.1806, 0.3152, 0.3886



45.1806, 0.2440, 0.2946



45.1806, 0.3067, 0.2776

Rectangle

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



45.1806, 0.3866, 0.3566



45.1806, 0.3615, 0.3927



45.1806, 0.2440, 0.2946



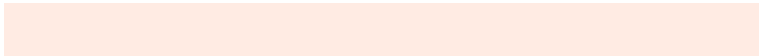
45.1806, 0.2638, 0.2689

Sweetspot

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



45.1827, 0.3866, 0.3566



86.3411, 0.3315, 0.3372



39.6535, 0.3374, 0.2648



18.1428, 0.3340, 0.3383



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.



45.1827, 0.3866, 0.3566



55.8133, 0.4076, 0.3623



61.2645, 0.3715, 0.3991



14.3551, 0.3285, 0.3360



11.6644, 0.5969, 0.3643



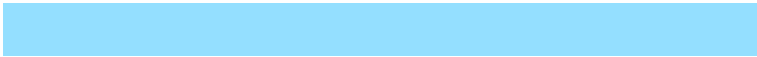
0.9608, 0.5664, 0.3884

Inverse Universe

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



52.0741, 0.2594, 0.2993



66.5262, 0.2492, 0.2921



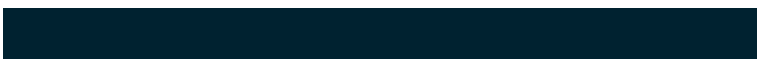
36.6705, 0.2523, 0.2472



14.8548, 0.2982, 0.3219



17.5801, 0.1974, 0.2305



1.3715, 0.2021, 0.2475

Previews

White Background



This preview shows how the Yxy color 45.1806, 0.3866, 0.3566 looks on a white background.

Color Contrast Check

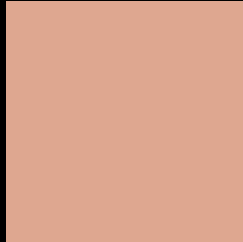
Large Text (above 18pt) WCAG AA × Fail

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 45.1806, 0.3866, 0.3566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

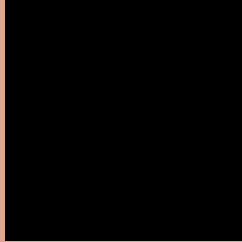
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.1806, 0.3866, 0.3566

Background



This preview shows how black text looks on a background with the Yxy color 45.1806, 0.3866, 0.3566.



This preview shows how white text looks on a background with the Yxy color 45.1806, 0.3866, 0.3566.

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

45.1806, 0.3866, 0.3566

Protanopia

45.2610, 0.3458, 0.3673

Deuteranopia

45.0435, 0.3731, 0.3653



Tritanopia

45.2971, 0.3610, 0.3151

Trichromacy



Original Color

45.1806, 0.3866, 0.3566

Protanomaly

45.2156, 0.3599, 0.3636

Deuteranomaly

45.0288, 0.3787, 0.3623

Tritanomaly

45.0785, 0.3703, 0.3292

Monochromacy



Original Color

45.1806, 0.3866, 0.3566

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.6136, 0.3374, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1806, 0.3866, 0.3566 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(222, 167, 144)` looks like.

```
.text, #text, p{  
    color:rgb(222, 167, 144)  
}
```

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(222, 167, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 167, 144) }
```

Border

The CSS property to change the border of an element to Yxy 45.1806, 0.3866, 0.3566 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(222, 167, 144) }
```

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

```
.border{ border-color:rgb(222, 167, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 167, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 167, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 167, 144);  
box-shadow:4px 4px 4px 4px rgb(222, 167,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1806, 0.3866, 0.3566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 167, 144) }
```

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

```
.background{ background-color: rgb(222,  
167, 144) }
```

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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