

Converting Colors

$Y_{xy}(45.1739, 0.3862, 0.3604)$

Have a look what the booklet for
Yxy(45.1739, 0.3862, 0.3604)
contains.

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Color

Yxy(45.1739, 0.3862, 0.3604)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | DCA88E |
| RGB | 220, 168, 142 |
| RGB Percent | 86%, 66%, 56% |
| CMY | 0.1371, 0.3412, 0.4431 |
| CMYK | 0.00, 0.24, 0.35, 0.14 |
| HSL | 20°, 53%, 71% |
| HSV | 20°, 35%, 86% |
| XYZ | 48.4078, 45.1739, 31.7621 |
| YIQ | 180.5840, 39.3380, 2.9380 |

Conversions

Conversions Part 2

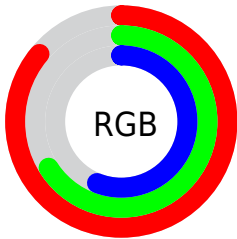
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 220, 181, 142 |
| Decimal | 14461070 |
| CIE Lab | 73.01, 15.65, 20.82 |
| CIE LCh | 73, 26.043, 53.067 |
| Yxy | 45.1739, 0.3862, 0.3604 |
| Android (android.graphics.Color) | 4292651150 (0xFFDCA88E) |
| YUV | 180.5840, -19.0219, 34.5678 |
| Hunter-Lab | 67.2115, 10.9409, 19.0294 |

Details

The Yxy color $45.1739, 0.3862, 0.3604$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $49.5255, 0.2584, 0.2949$, and the grayscale version is $46.0631, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.0209, 0.3546, 0.3566$, and $21.0500, 0.4064, 0.3674$ is the 20% darker color. If you saturate the color by 10%, you get $39.4629, 0.4151, 0.3693$, and if you desaturate by 10%, it is $51.6312, 0.3611, 0.3512$.

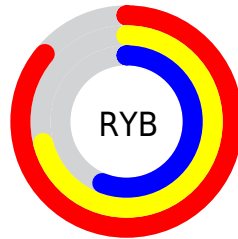
Distribution



Red (86%)

Green (66%)

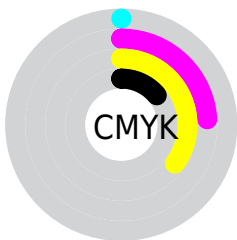
Blue (56%)



Red (86%)

Yellow (71%)

Blue (56%)

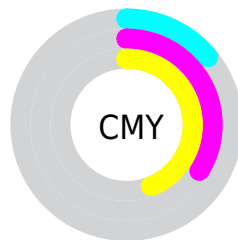


Cyan (0%)

Magenta (24%)

Yellow (35%)

Black (14%)



Cyan (14%)


Magenta (34%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.1739, 0.3862, 0.3604 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 45.1739, 0.3862, 0.3604 by changing the saturation by 10% instead.


 45.1739, 0.3862,
0.3604


 45.1739, 0.3862,
0.3604


367.4774, 0.3490,
0.3457

 31.5944, 0.3955,
0.3637


 82.9813, 0.3726,
0.3553

 21.0519, 0.4075,
0.3677


 107.9780, 0.3675,
0.3534

 13.1619, 0.4235,
0.3725


 137.5493, 0.3632,
0.3516

 7.5402, 0.4455,
0.3782

172.0795, 0.3596,
0.3501

 3.8021, 0.4775,
0.3847

211.9530, 0.3564,
0.3488

 1.5635, 0.5581,
0.4122

257.5542, 0.3536,

 0.3328, 0.6772,

0.3477

0.3228

309.2675, 0.3512,
0.3466

0.0000, 0.0000,
0.0000

45.1739, 0.3862,
0.3604

45.1739, 0.3862,
0.3604

39.4629, 0.4151,
0.3693

51.6312, 0.3611,
0.3512

34.4637, 0.4475,
0.3770

58.8548, 0.3397,
0.3421

30.1488, 0.4824,
0.3824

66.8718, 0.3215,
0.3335

26.4860, 0.5180,
0.3844

75.7060, 0.3060,
0.3254

23.4398, 0.5513,
0.3818

85.3802, 0.2930,
0.3180

■ 20.9707, 0.5789,
0.3742

■ 93.9605, 0.2917,
0.3289

■ 20.0218, 0.5898,
0.3699

Harmonies

Analogous

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



45.1739, 0.3767, 0.3305



45.1739, 0.3862, 0.3604



45.1739, 0.3746, 0.3846

Triad

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



45.1739, 0.3862, 0.3604



45.1739, 0.2759, 0.3579



45.1739, 0.2771, 0.2695

Complementary

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



45.1739, 0.3862, 0.3604



49.5255, 0.2584, 0.2949

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.



45.1739, 0.2531, 0.2729



45.1739, 0.3862, 0.3604



45.1739, 0.2523, 0.3222

Square

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



45.1739, 0.3862, 0.3604



45.1739, 0.3101, 0.3857



45.1739, 0.2443, 0.2912



45.1739, 0.3119, 0.2800

Rectangle

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



45.1739, 0.3862, 0.3604



45.1739, 0.3572, 0.3936



45.1739, 0.2443, 0.2912



45.1739, 0.2676, 0.2690

Sweetspot

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



45.1760, 0.3862, 0.3604



86.9620, 0.3313, 0.3383



38.5239, 0.3402, 0.2670



18.2901, 0.3339, 0.3395



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.



45.1760, 0.3862, 0.3604



56.7161, 0.4087, 0.3675



61.1851, 0.3711, 0.4025



13.7565, 0.3283, 0.3368



11.9305, 0.5870, 0.3721



0.9283, 0.5552, 0.3974

Inverse Universe

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



49.5255, 0.2584, 0.2949



63.6659, 0.2470, 0.2859



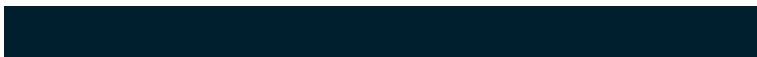
34.8026, 0.2512, 0.2427



14.0609, 0.2982, 0.3210



15.4438, 0.1936, 0.2168



1.1564, 0.1992, 0.2373

Previews

White Background



This preview shows how the Yxy color 45.1739, 0.3862, 0.3604 looks on a white background.

Color Contrast Check

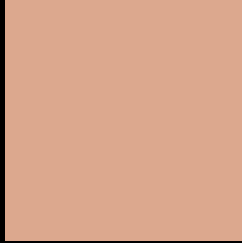
Large Text (above 18pt) WCAG AA × Fail

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 45.1739, 0.3862, 0.3604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

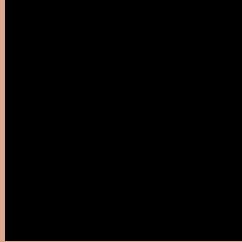
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.1739, 0.3862, 0.3604

Background



This preview shows how black text looks on a background with the Yxy color 45.1739, 0.3862, 0.3604.



This preview shows how white text looks on a background with the Yxy color 45.1739, 0.3862, 0.3604.

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

45.1739, 0.3862, 0.3604

Protanopia

45.2939, 0.3493, 0.3712

Deuteranopia

45.1298, 0.3759, 0.3677



Tritanopia

45.0170, 0.3581, 0.3138

Trichromacy



Original Color

45.1739, 0.3862, 0.3604

Protanomaly

45.1218, 0.3626, 0.3674

Deuteranomaly

45.3450, 0.3801, 0.3659

Tritanomaly

45.1202, 0.3681, 0.3304

Monochromacy



Original Color

45.1739, 0.3862, 0.3604

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.4428, 0.3374, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1739, 0.3862, 0.3604 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(220, 168, 142)` looks like.

```
.text, #text, p{  
    color:rgb(220, 168, 142)  
}
```

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(220, 168, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 168, 142) }
```

Border

The CSS property to change the border of an element to Yxy 45.1739, 0.3862, 0.3604 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(220, 168, 142) }
```

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

```
.border{ border-color:rgb(220, 168, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 168, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 168, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 168, 142);  
box-shadow:4px 4px 4px 4px rgb(220, 168,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1739, 0.3862, 0.3604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 168, 142) }
```

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

```
.background{ background-color: rgb(220,  
168, 142) }
```

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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