

Converting Colors

$Yxy(44.4580, 0.3806, 0.3609)$

Have a look what the booklet for
Yxy(44.4580, 0.3806, 0.3609)
contains.

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Color

Yxy(44.4053, 0.3814, 0.3610)

Conversions

Conversions Part 1

Format	Color
Hex	D7A88E
RGB	215, 168, 142
RGB Percent	84%, 66%, 56%
CMY	0.1568, 0.3412, 0.4432
CMYK	0.00, 0.22, 0.34, 0.16
HSL	21°, 48%, 70%
HSV	21°, 34%, 84%
XYZ	46.9146, 44.4053, 31.6864
YIQ	179.0890, 36.3580, 1.8780

Conversions

Conversions Part 2

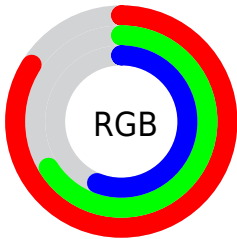
Format	Color
R _Y B	215, 182, 142
Decimal	14133390
CIE Lab	72.50, 13.69, 20.05
CIE LCh	72, 24.275, 55.674
Yxy	44.4053, 0.3814, 0.3610
Android (android.graphics.Color)	4292323470 (0xFFD7A88E)
YUV	179.0890, -18.2849, 31.4939
Hunter-Lab	66.6373, 9.0540, 18.4534

Details

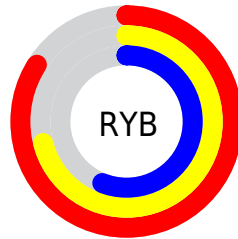
The Yxy color **44.4053, 0.3814, 0.3610** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.0634, 0.2603, 0.2944**, and the grayscale version is **45.2157, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.0209, 0.3546, 0.3566**, and **20.6344, 0.4011, 0.3683** is the 20% darker color. If you saturate the color by 10%, you get **38.9793, 0.4091, 0.3705**, and if you desaturate by 10%, it is **50.5046, 0.3573, 0.3512**.

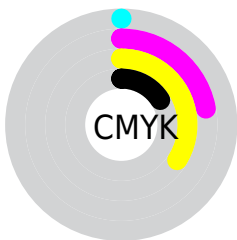
Distribution



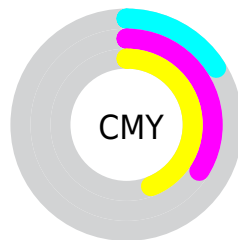
- Red (84%)
- Green (66%)
- Blue (56%)



- Red (84%)
- Yellow (71%)
- Blue (56%)



- Cyan (0%)
- Magenta (22%)
- Yellow (34%)
- Black (16%)





- Cyan (16%)
- Magenta (34%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4053, 0.3814, 0.3610 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 44.4053, 0.3814, 0.3610 by changing the saturation by 10% instead.


 44.4053, 0.3814,
0.3610


 44.4053, 0.3814,
0.3610


364.3596, 0.3465,
0.3458


 30.9893, 0.3902,
0.3645


 81.8273, 0.3686,
0.3557

 20.5907, 0.4015,
0.3687


 106.6020, 0.3639,
0.3536

 12.8251, 0.4166,
0.3740


 135.9318, 0.3599,
0.3519

 7.3082, 0.4375,
0.3805

170.2009, 0.3564,
0.3503

 3.6556, 0.4680,
0.3882

209.7939, 0.3535,
0.3490

 1.4828, 0.5493,
0.4209

255.0951, 0.3509,

 0.2766, 0.6834,

0.3478

0.3166

306.4889, 0.3486,
0.3468

0.0000, 0.0000,
0.0000

44.4053, 0.3814,
0.3610

44.4053, 0.3814,
0.3610

38.9793, 0.4091,
0.3705

50.5046, 0.3573,
0.3512

34.1960, 0.4401,
0.3791

57.2936, 0.3366,
0.3416

30.0319, 0.4738,
0.3855

64.7962, 0.3190,
0.3325

26.4592, 0.5083,
0.3886

73.0331, 0.3040,
0.3239

23.4477, 0.5410,
0.3872

82.0241, 0.2912,
0.3161

■ 20.9634, 0.5691,
0.3806

■ 90.7137, 0.2887,
0.3249

■ 19.6969, 0.5835,
0.3749

■ 93.1910, 0.2889,
0.3289

Harmonies

Analogous

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



44.4053, 0.3742, 0.3331



44.4053, 0.3814, 0.3610



44.4053, 0.3691, 0.3827

Triad

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



44.4053, 0.3814, 0.3610



44.4053, 0.2758, 0.3532



44.4053, 0.2819, 0.2733

Complementary

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



44.4053, 0.3814, 0.3610



47.0634, 0.2603, 0.2944

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.



44.4053, 0.2581, 0.2754



44.4053, 0.3814, 0.3610



44.4053, 0.2547, 0.3199

Square

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



44.4053, 0.3814, 0.3610



44.4053, 0.3074, 0.3803



44.4053, 0.2484, 0.2917



44.4053, 0.3151, 0.2843

Rectangle

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



44.4053, 0.3814, 0.3610



44.4053, 0.3520, 0.3901



44.4053, 0.2484, 0.2917



44.4053, 0.2726, 0.2725

Sweetspot

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



44.4074, 0.3814, 0.3610



88.4318, 0.3294, 0.3380



37.4894, 0.3411, 0.2725



18.5988, 0.3320, 0.3393



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.



44.4074, 0.3814, 0.3610



59.3035, 0.4016, 0.3682



59.6234, 0.3675, 0.4019



13.1371, 0.3282, 0.3374



11.9602, 0.5808, 0.3771



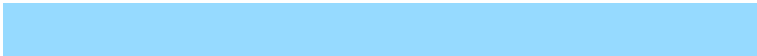
0.8752, 0.5476, 0.4034

Inverse Universe

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



47.0634, 0.2603, 0.2944



63.7740, 0.2493, 0.2854



33.4234, 0.2538, 0.2437



13.3293, 0.2982, 0.3205



14.0912, 0.1913, 0.2088



1.0035, 0.1978, 0.2319

Previews

White Background



This preview shows how the Yxy color 44.4053, 0.3814, 0.3610 looks on a white background.

Color Contrast Check

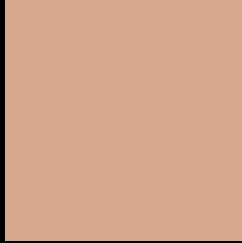
Large Text (above 18pt) WCAG AA × Fail

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 44.4053, 0.3814, 0.3610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

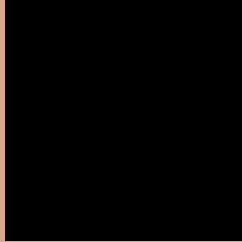
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.4053, 0.3814, 0.3610

Background



This preview shows how black text looks on a background with the Yxy color 44.4053, 0.3814, 0.3610.



This preview shows how white text looks on a background with the Yxy color 44.4053, 0.3814, 0.3610.

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

44.4053, 0.3814, 0.3610

Protanopia

44.6387, 0.3477, 0.3702

Deuteranopia

44.4588, 0.3744, 0.3667



Tritanopia

44.3890, 0.3543, 0.3136

Trichromacy



Original Color

44.4053, 0.3814, 0.3610

Protanomaly

44.3222, 0.3601, 0.3666

Deuteranomaly

44.5214, 0.3776, 0.3651

Tritanomaly

44.4960, 0.3643, 0.3304

Monochromacy



Original Color

44.4053, 0.3814, 0.3610

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.6196, 0.3357, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4053, 0.3814, 0.3610 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(215, 168, 142)` looks like.

```
.text, #text, p{  
    color:rgb(215, 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(215, 168, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 168, 142) }
```

Border

The CSS property to change the border of an element to Yxy 44.4053, 0.3814, 0.3610 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(215, 168, 142) }
```

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

```
.border{ border-color:rgb(215, 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(215, 168, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 168, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 168, 142);  
box-shadow:4px 4px 4px 4px rgb(215, 168,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4053, 0.3814, 0.3610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 168, 142) }
```

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

```
.background{ background-color: rgb(215,  
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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