

Converting Colors

$Yxy(45.1644, 0.3898, 0.3372)$

Have a look what the booklet for
Yxy(45.1644, 0.3898, 0.3372)
contains.

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Color

Yxy(45.1465, 0.3898, 0.3373)

Conversions

Conversions Part 1

Format	Color
Hex	E9A19A
RGB	233, 161, 154
RGB Percent	91%, 63%, 60%
CMY	0.0864, 0.3685, 0.3962
CMYK	0.00, 0.31, 0.34, 0.09
HSL	5°, 64%, 76%
HSV	5°, 34%, 91%
XYZ	52.1735, 45.1465, 36.5268
YIQ	181.7300, 45.1590, 13.0870

Conversions

Conversions Part 2

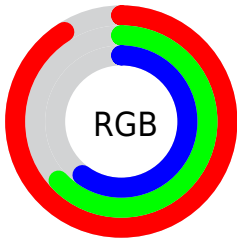
Format	Color
R _Y B	233, 162, 154
Decimal	15311258
CIE Lab	72.99, 25.82, 14.46
CIE LCh	73, 29.596, 29.248
Yxy	45.1465, 0.3898, 0.3373
Android (android.graphics.Color)	4293501338 (0xFFE9A19A)
YUV	181.7300, -13.6709, 44.9638
Hunter-Lab	67.1911, 21.0195, 14.8023

Details

The Yxy color **45.1465, 0.3898, 0.3373** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **67.1036, 0.2636, 0.3204**, and the grayscale version is **46.6823, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.9258, 0.3474, 0.3372**, and **21.0305, 0.4117, 0.3383** is the 20% darker color. If you saturate the color by 10%, you get **37.6472, 0.4243, 0.3397**, and if you desaturate by 10%, it is **54.0594, 0.3612, 0.3347**.

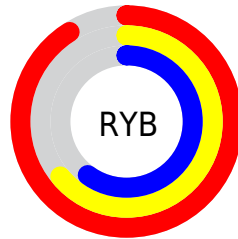
Distribution



Red (91%)

Green (63%)

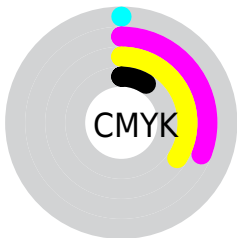
Blue (60%)



Red (91%)

Yellow (64%)

Blue (60%)

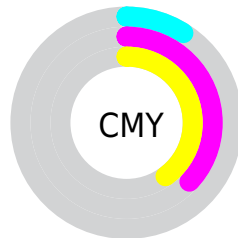


Cyan (0%)

Magenta (31%)

Yellow (34%)

Black (9%)



Cyan (9%)


Magenta (37%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.1465, 0.3898, 0.3373 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 45.1465, 0.3898, 0.3373 by changing the saturation by 10% instead.

 45.1465, 0.3898,
0.3373


 45.1465, 0.3898,
0.3373

367.3666, 0.3507,
0.3342

 31.5728, 0.3997,
0.3377


 82.9402, 0.3755,
0.3364

 21.0354, 0.4125,
0.3380


 107.9290, 0.3701,
0.3360

 13.1499, 0.4295,
0.3381

137.4917, 0.3656,
0.3357

 7.5319, 0.4534,
0.3374

172.0126, 0.3617,
0.3353

 3.7969, 0.4888,
0.3349

211.8762, 0.3584,
0.3350

 1.5606, 0.5520,
0.3305

257.4667, 0.3555,

 0.3308, 0.7415,

0.3347

0.2585

309.1687, 0.3529,
0.3345

0.0000, 0.0000,
0.0000

45.1465, 0.3898,
0.3373

45.1465, 0.3898,
0.3373

37.6472, 0.4243,
0.3397

54.0594, 0.3612,
0.3347

31.4828, 0.4647,
0.3417

64.4464, 0.3379,
0.3322

26.5767, 0.5095,
0.3428

76.3725, 0.3191,
0.3299

22.8419, 0.5550,
0.3424

89.8968, 0.3038,
0.3277

20.1804, 0.5952,
0.3403

96.0588, 0.2993,
0.3290

■ 18.4781, 0.6236,
0.3366

■ 17.8467, 0.6345,
0.3344

Harmonies

Analogous

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



45.1465, 0.3616, 0.3044



45.1465, 0.3898, 0.3373



45.1465, 0.3954, 0.3704

Triad

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



45.1465, 0.3898, 0.3373



45.1465, 0.3009, 0.3889



45.1465, 0.2496, 0.2634

Complementary

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



45.1465, 0.3898, 0.3373



67.1036, 0.2636, 0.3204

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.



45.1465, 0.2361, 0.2803



45.1465, 0.3898, 0.3373



45.1465, 0.2642, 0.3537

Square

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



45.1465, 0.3898, 0.3373



45.1465, 0.3424, 0.4043



45.1465, 0.2411, 0.3127



45.1465, 0.2796, 0.2633

Rectangle

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



45.1465, 0.3898, 0.3373



45.1465, 0.3858, 0.3888



45.1465, 0.2411, 0.3127



45.1465, 0.2431, 0.2672

Sweetspot

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



45.1487, 0.3898, 0.3373



84.5309, 0.3302, 0.3313



45.9356, 0.3223, 0.2512



17.6613, 0.3329, 0.3316



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.



45.1487, 0.3898, 0.3373



48.5388, 0.4144, 0.3391



60.9867, 0.3750, 0.3806



15.2699, 0.3291, 0.3312



10.2046, 0.6331, 0.3355



0.8755, 0.6167, 0.3485

Inverse Universe

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



67.1036, 0.2636, 0.3204



79.4632, 0.2547, 0.3183



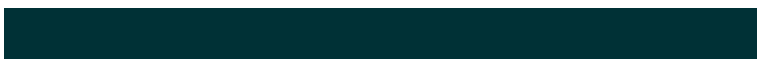
48.2448, 0.2572, 0.2711



16.8788, 0.2981, 0.3268



30.2156, 0.2169, 0.3009



2.4401, 0.2181, 0.3051

Previews

White Background



This preview shows how the Yxy color 45.1465, 0.3898, 0.3373 looks on a white background.

Color Contrast Check

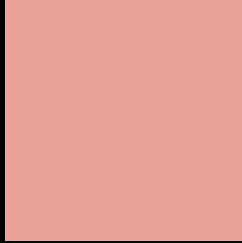
Large Text (above 18pt) WCAG AA × Fail

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 45.1465, 0.3898, 0.3373 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 45.1465, 0.3898, 0.3373

Background



This preview shows how black text looks on a background with the Yxy color 45.1465, 0.3898, 0.3373.



This preview shows how white text looks on a background with the Yxy color 45.1465, 0.3898, 0.3373.

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

45.1465, 0.3898, 0.3373

Protanopia

45.4493, 0.3330, 0.3501

Deuteranopia

45.4195, 0.3626, 0.3554



Tritanopia

45.3987, 0.3755, 0.3156

Trichromacy



Original Color

45.1465, 0.3898, 0.3373

Protanomaly

44.8805, 0.3528, 0.3442

Deuteranomaly

45.2748, 0.3716, 0.3486

Tritanomaly

45.3506, 0.3802, 0.3235

Monochromacy



Original Color

45.1465, 0.3898, 0.3373

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.6682, 0.3389, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1465, 0.3898, 0.3373 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(233, 161, 154)` looks like.

```
.text, #text, p{  
    color:rgb(233, 161, 154)  
}
```

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(233, 161, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 161, 154) }
```

Border

The CSS property to change the border of an element to Yxy 45.1465, 0.3898, 0.3373 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(233, 161, 154) }
```

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

```
.border{ border-color:rgb(233, 161, 154) }
```

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

Here you see how a box with a 4 pixel rgb(233, 161, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 161, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 161, 154);  
box-shadow:4px 4px 4px 4px rgb(233, 161,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1465, 0.3898, 0.3373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 161, 154) }
```

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

```
.background{ background-color: rgb(233,  
161, 154) }
```

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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