

Converting Colors

$Yxy(43.4975, 0.3735, 0.3251)$

Have a look what the booklet for
Yxy(43.4975, 0.3735, 0.3251)
contains.

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Color

Yxy(43.4482, 0.3738, 0.3245)

Conversions

Conversions Part 1

Format	Color
Hex	E19FA3
RGB	225, 159, 163
RGB Percent	88%, 62%, 64%
CMY	0.1178, 0.3764, 0.3608
CMYK	0.00, 0.29, 0.28, 0.12
HSL	356°, 52%, 75%
HSV	356°, 29%, 88%
XYZ	50.0491, 43.4482, 40.3954
YIQ	179.1900, 38.0520, 15.2360

Conversions

Conversions Part 2

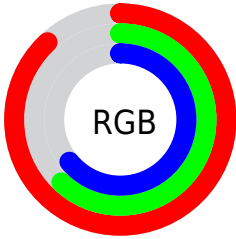
Format	Color
R _Y B	225, 159, 163
Decimal	14786467
CIE Lab	71.86, 25.06, 7.77
CIE LCh	72, 26.237, 17.225
Yxy	43.4482, 0.3738, 0.3245
Android (android.graphics.Color)	4292976547 (0xFFE19FA3)
YUV	179.1900, -7.9817, 40.1754
Hunter-Lab	65.9152, 20.1825, 9.8054

Details

The Yxy color **43.4482, 0.3738, 0.3245** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **66.4192, 0.2726, 0.3337**, and the grayscale version is **45.2144, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4151, 0.3404, 0.3250**, and **19.9879, 0.3923, 0.3230** is the 20% darker color. If you saturate the color by 10%, you get **35.7075, 0.4051, 0.3230**, and if you desaturate by 10%, it is **52.7276, 0.3484, 0.3261**.

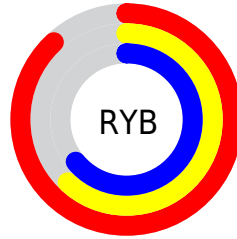
Distribution



Red (88%)

Green (62%)

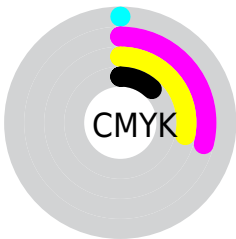
Blue (64%)



Red (88%)

Yellow (62%)

Blue (64%)

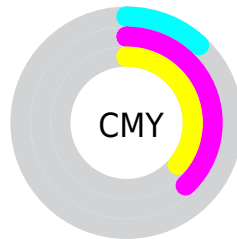


Cyan (0%)

Magenta (29%)

Yellow (28%)

Black (12%)



Cyan (12%)


Magenta (38%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4482, 0.3738, 0.3245 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 43.4482, 0.3738, 0.3245 by changing the saturation by 10% instead.


 43.4482, 0.3738,
0.3245


 43.4482, 0.3738,
0.3245


360.4518, 0.3426,
0.3273

 30.2369, 0.3818,
0.3236


 80.3868, 0.3623,
0.3257

 20.0185, 0.3921,
0.3223


 104.8829, 0.3581,
0.3261

 12.4085, 0.4060,
0.3205


133.9094, 0.3545,
0.3264

 7.0225, 0.4256,
0.3175

167.8507, 0.3514,
0.3267

 3.4762, 0.4555,
0.3122

207.0912, 0.3488,
0.3269

 1.3851, 0.5058,
0.3014

252.0153, 0.3465,

 0.2057, 0.7969,

0.3271

0.2031

303.0073, 0.3444,
0.3272

0.0000, 0.0000,
0.0000

43.4482, 0.3738,
0.3245

43.4482, 0.3738,
0.3245

35.7075, 0.4051,
0.3230

52.7276, 0.3484,
0.3261

29.4166, 0.4428,
0.3217

63.6161, 0.3280,
0.3276

24.4871, 0.4862,
0.3209

76.1871, 0.3117,
0.3291

20.8183, 0.5328,
0.3210

90.5077, 0.2986,
0.3304

18.2957, 0.5772,
0.3222

94.7402, 0.2946,
0.3289

■ 16.7840, 0.6126,
0.3245

■ 16.0685, 0.6339,
0.3271

■ 16.0306, 0.6350,
0.3272

Harmonies

Analogous

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



43.4482, 0.3426, 0.2963



43.4482, 0.3738, 0.3245



43.4482, 0.3876, 0.3552

Triad

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



43.4482, 0.3738, 0.3245



43.4482, 0.3174, 0.3905



43.4482, 0.2489, 0.2742

Complementary

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



43.4482, 0.3738, 0.3245



66.4192, 0.2726, 0.3337

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.



43.4482, 0.2432, 0.2957



43.4482, 0.3738, 0.3245



43.4482, 0.2813, 0.3651

Square

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



43.4482, 0.3738, 0.3245



43.4482, 0.3536, 0.3959



43.4482, 0.2547, 0.3290



43.4482, 0.2706, 0.2678

Rectangle

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



43.4482, 0.3738, 0.3245



43.4482, 0.3847, 0.3738



43.4482, 0.2547, 0.3290



43.4482, 0.2451, 0.2798

Sweetspot

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



43.4502, 0.3738, 0.3245



84.9092, 0.3276, 0.3277



45.5427, 0.3123, 0.2555



17.6892, 0.3303, 0.3275



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.



43.4502, 0.3738, 0.3245



51.3864, 0.3916, 0.3236



54.2984, 0.3683, 0.3623



13.7138, 0.3283, 0.3276



9.2475, 0.6334, 0.3263



0.6458, 0.6146, 0.3159

Inverse Universe

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



43.4502, 0.3738, 0.3245



51.3864, 0.3916, 0.3236



52.4618, 0.2666, 0.2931



13.7138, 0.3283, 0.3276



9.2475, 0.6334, 0.3263



0.6458, 0.6146, 0.3159

Previews

White Background



This preview shows how the Yxy color 43.4482, 0.3738, 0.3245 looks on a white background.

Color Contrast Check

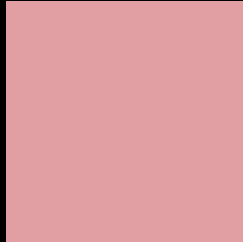
Large Text (above 18pt) WCAG AA × Fail

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 43.4482, 0.3738, 0.3245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

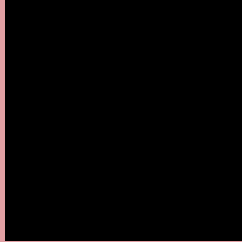
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.4482, 0.3738, 0.3245

Background



This preview shows how black text looks on a background with the Yxy color 43.4482, 0.3738, 0.3245.



This preview shows how white text looks on a background with the Yxy color 43.4482, 0.3738, 0.3245.

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

43.4482, 0.3738, 0.3245

Protanopia

43.8530, 0.3204, 0.3343

Deuteranopia

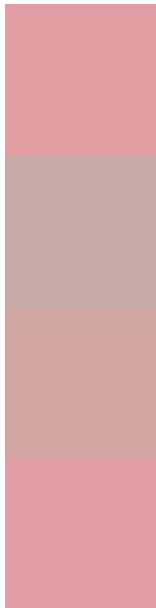
43.4648, 0.3477, 0.3406



Tritanopia

43.5248, 0.3681, 0.3151

Trichromacy



Original Color

43.4482, 0.3738, 0.3245

Protanomaly

43.4843, 0.3385, 0.3304

Deuteranomaly

43.2910, 0.3563, 0.3341

Tritanomaly

43.4125, 0.3711, 0.3186

Monochromacy



Original Color

43.4482, 0.3738, 0.3245

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.2579, 0.3337, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4482, 0.3738, 0.3245 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(225, 159, 163)` looks like.

```
.text, #text, p{  
    color:rgb(225, 159, 163)  
}
```

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(225, 159, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 159, 163) }
```

Border

The CSS property to change the border of an element to Yxy 43.4482, 0.3738, 0.3245 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(225, 159, 163) }
```

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

```
.border{ border-color:rgb(225, 159, 163) }
```

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

Here you see how a box with a 4 pixel rgb(225, 159, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 159, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 159, 163);  
box-shadow:4px 4px 4px 4px rgb(225, 159,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4482, 0.3738, 0.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 159, 163) }
```

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

```
.background{ background-color: rgb(225,  
159, 163) }
```

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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