

Converting Colors

$Yxy(43.4648, 0.4132, 0.3479)$

Have a look what the booklet for
Yxy(43.4648, 0.4132, 0.3479)
contains.

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Color

Yxy(43.4548, 0.4134, 0.3484)

Conversions

Conversions Part 1

Format	Color
Hex	EE9B8A
RGB	238, 155, 138
RGB Percent	93%, 61%, 54%
CMY	0.0668, 0.3921, 0.4589
CMYK	0.00, 0.35, 0.42, 0.07
HSL	10°, 75%, 74%
HSV	10°, 42%, 93%
XYZ	51.5620, 43.4548, 29.7099
YIQ	177.8790, 54.9250, 12.3090

Conversions

Conversions Part 2

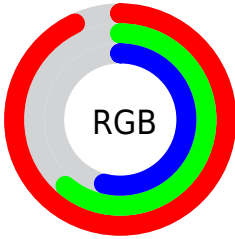
Format	Color
R _Y B	238, 158, 138
Decimal	15637386
CIE Lab	71.86, 29.07, 21.77
CIE LCh	72, 36.315, 36.824
Yxy	43.4548, 0.4134, 0.3484
Android (android.graphics.Color)	4293827466 (0xFFEE9B8A)
YUV	177.8790, -19.6603, 52.7261
Hunter-Lab	65.9203, 24.2601, 19.4225

Details

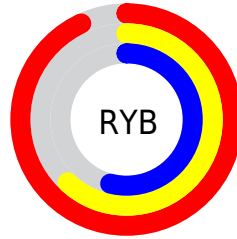
The Yxy color **43.4548, 0.4134, 0.3484** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.2578, 0.2520, 0.3080**, and the grayscale version is **44.5386, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.1590, 0.3606, 0.3477**, and **19.9888, 0.4425, 0.3510** is the 20% darker color. If you saturate the color by 10%, you get **36.7973, 0.4502, 0.3525**, and if you desaturate by 10%, it is **51.3422, 0.3819, 0.3437**.

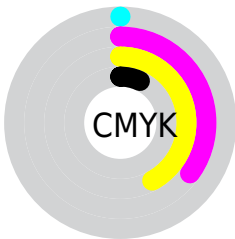
Distribution



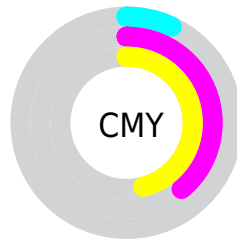
- Red (93%)
- Green (61%)
- Blue (54%)



- Red (93%)
- Yellow (62%)
- Blue (54%)



- Cyan (0%)
- Magenta (35%)
- Yellow (42%)
- Black (7%)





- Cyan (7%)
- Magenta (39%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4548, 0.4134, 0.3484 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 43.4548, 0.4134, 0.3484 by changing the saturation by 10% instead.


 43.4548, 0.4134,
0.3484


 43.4548, 0.4134,
0.3484


360.4788, 0.3620,
0.3406

 30.2421, 0.4264,
0.3497


 80.3967, 0.3946,
0.3461

 20.0224, 0.4431,
0.3509


 104.8948, 0.3875,
0.3450

 12.4114, 0.4653,
0.3517


 133.9234, 0.3816,
0.3441

 7.0245, 0.4960,
0.3514

167.8669, 0.3765,
0.3433

 3.4774, 0.5403,
0.3476

207.1099, 0.3722,
0.3425

 1.3858, 0.6455,
0.3545

252.0366, 0.3683,

 0.2062, 0.8148,

0.3418

0.1852

303.0314, 0.3650,
0.3412

0.0000, 0.0000,
0.0000

43.4548, 0.4134,
0.3484

43.4548, 0.4134,
0.3484

36.7973, 0.4502,
0.3525

51.3422, 0.3819,
0.3437

31.3010, 0.4914,
0.3552

60.5106, 0.3555,
0.3389

26.9005, 0.5344,
0.3557


71.0162, 0.3338,
0.3342


23.5208, 0.5748,
0.3533

82.9099, 0.3159,
0.3298

21.0775, 0.6070,
0.3477

96.1118, 0.3023,
0.3277

 19.7269, 0.6248,
0.3421

 96.9130, 0.3023,
0.3290

Harmonies

Analogous

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



43.4548, 0.3845, 0.3080



43.4548, 0.4134, 0.3484



43.4548, 0.4120, 0.3879

Triad

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



43.4548, 0.4134, 0.3484



43.4548, 0.2849, 0.3953



43.4548, 0.2428, 0.2469

Complementary

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



43.4548, 0.4134, 0.3484



63.2578, 0.2520, 0.3080

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.



43.4548, 0.2214, 0.2614



43.4548, 0.4134, 0.3484



43.4548, 0.2437, 0.3462

Square

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



43.4548, 0.4134, 0.3484



43.4548, 0.3357, 0.4219



43.4548, 0.2215, 0.2961



43.4548, 0.2833, 0.2520

Rectangle

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



43.4548, 0.4134, 0.3484



43.4548, 0.3950, 0.4090



43.4548, 0.2215, 0.2961



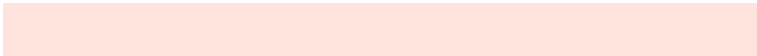
43.4548, 0.2334, 0.2495

Sweetspot

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



43.4569, 0.4134, 0.3484



81.7361, 0.3358, 0.3347



41.5838, 0.3327, 0.2409



16.8905, 0.3404, 0.3357



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.



43.4569, 0.4134, 0.3484



44.3692, 0.4431, 0.3518



63.5016, 0.3894, 0.4016



16.1939, 0.3289, 0.3331



11.1353, 0.6227, 0.3438



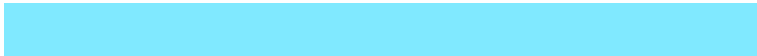
1.0511, 0.5996, 0.3621

Inverse Universe

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



63.2578, 0.2520, 0.3080



70.2084, 0.2423, 0.3033



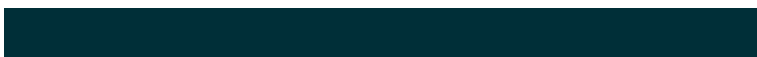
40.8199, 0.2413, 0.2430



17.4439, 0.2981, 0.3249



26.0066, 0.2094, 0.2738



2.2833, 0.2116, 0.2818

Previews

White Background



This preview shows how the Yxy color 43.4548, 0.4134, 0.3484 looks on a white background.

Color Contrast Check

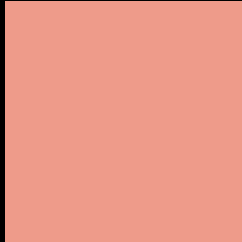
Large Text (above 18pt) WCAG AA × Fail

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 43.4548, 0.4134, 0.3484 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 43.4548, 0.4134, 0.3484

Background



This preview shows how black text looks on a background with the Yxy color 43.4548, 0.4134, 0.3484.



This preview shows how white text looks on a background with the Yxy color 43.4548, 0.4134, 0.3484.

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

43.4548, 0.4134, 0.3484

Protanopia

43.6279, 0.3455, 0.3666

Deuteranopia

43.3906, 0.3797, 0.3720



Tritanopia

43.3028, 0.3911, 0.3159

Trichromacy



Original Color

43.4548, 0.4134, 0.3484

Protanomaly

42.9980, 0.3698, 0.3596

Deuteranomaly

43.2339, 0.3917, 0.3632

Tritanomaly

43.1403, 0.3992, 0.3270

Monochromacy



Original Color

43.4548, 0.4134, 0.3484

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.6732, 0.3468, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4548, 0.4134, 0.3484 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(238, 155, 138)` looks like.

```
.text, #text, p{  
    color:rgb(238, 155, 138)  
}
```

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(238, 155, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 155, 138) }
```

Border

The CSS property to change the border of an element to Yxy 43.4548, 0.4134, 0.3484 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(238, 155, 138) }
```

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

```
.border{ border-color:rgb(238, 155, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 155, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 155, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 155, 138);  
box-shadow:4px 4px 4px 4px rgb(238, 155,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4548, 0.4134, 0.3484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 155, 138) }
```

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

```
.background{ background-color: rgb(238,  
155, 138) }
```

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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