

Converting Colors

$Yxy(43.8098, 0.3132, 0.3356)$

Have a look what the booklet for
Yxy(43.8098, 0.3132, 0.3356)
contains.

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Color

Yxy(43.8566, 0.3133, 0.3358)

Conversions

Conversions Part 1

Format	Color
Hex	AEB2AD
RGB	174, 178, 173
RGB Percent	68%, 70%, 68%
CMY	0.3176, 0.3019, 0.3217
CMYK	0.02, 0.00, 0.03, 0.30
HSL	108°, 3%, 69%
HSV	108°, 3%, 70%
XYZ	40.9180, 43.8566, 45.8287
YIQ	176.2340, -0.7790, -2.4030

Conversions

Conversions Part 2

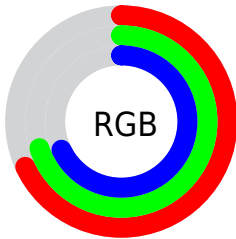
Format	Color
RYB	173, 178, 177
Decimal	11449005
CIELab	72.13, -2.34, 2.07
CIELCh	72, 3.125, 138.554
Yxy	43.8566, 0.3133, 0.3358
Android (android.graphics.Color)	4289639085 (0xFFAEB2AD)
YUV	176.2340, -1.5944, -1.9592
Hunter-Lab	66.2243, -5.6027, 5.3270

Details

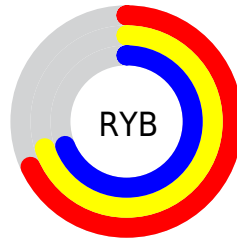
The Yxy color $43.8566, 0.3133, 0.3358$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $42.4339, 0.3121, 0.3223$, and the grayscale version is $43.5540, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.1051, 0.3131, 0.3353$, and $20.1853, 0.3136, 0.3365$ is the 20% darker color. If you saturate the color by 10%, you get $41.6765, 0.3153, 0.3617$, and if you desaturate by 10%, it is $46.3029, 0.3112, 0.3128$.

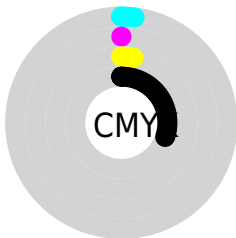
Distribution



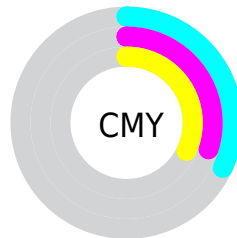
- Red (68%)
- Green (70%)
- Blue (68%)



- Red (68%)
- Yellow (70%)
- Blue (69%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (30%)



- Cyan (32%)
- Magenta (30%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.8566, 0.3133, 0.3358 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 43.8566, 0.3133, 0.3358 by changing the saturation by 10% instead.

■ 43.8566, 0.3133,
0.3358

■ 43.8566, 0.3133,
0.3358

362.1228, 0.3130,
0.3324

■ 30.5578, 0.3134,
0.3367

■ 81.0019, 0.3132,
0.3345

■ 20.2624, 0.3135,
0.3378

105.6172, 0.3132,
0.3341

■ 12.5859, 0.3136,
0.3393

134.7735, 0.3131,
0.3337

■ 7.1440, 0.3137,
0.3415

168.8551, 0.3131,
0.3333

■ 3.5523, 0.3140,
0.3449

208.2464, 0.3131,
0.3330

■ 1.4264, 0.3143,
0.3507

253.3319, 0.3131,

■ 0.2361, 0.3242,

0.3328

0.4578

304.4959, 0.3130,
0.3326

0.0000, 0.0000,
0.0000

43.8566, 0.3133,
0.3358

43.8566, 0.3133,
0.3358

41.6765, 0.3153,
0.3617

46.3029, 0.3112,
0.3128

39.7481, 0.3170,
0.3905

49.0183, 0.3091,
0.2925

38.0640, 0.3184,
0.4217

52.0125, 0.3070,
0.2747

36.6142, 0.3192,
0.4546

55.2935, 0.3050,
0.2592

35.3881, 0.3192,
0.4879

58.4110, 0.3082,
0.2517

■ 34.3742, 0.3183,
0.5198

■ 60.3226, 0.3163,
0.2536

■ 33.5599, 0.3164,
0.5481

■ 32.9313, 0.3135,
0.5708

■ 32.4723, 0.3099,
0.5865

Harmonies

Analogous

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



43.8566, 0.3176, 0.3368



43.8566, 0.3133, 0.3358



43.8566, 0.3089, 0.3330

Triad

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



43.8566, 0.3133, 0.3358



43.8566, 0.3049, 0.3224



43.8566, 0.3200, 0.3289

Complementary

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



43.8566, 0.3133, 0.3358



42.4339, 0.3121, 0.3223

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.



43.8566, 0.3165, 0.3251



43.8566, 0.3133, 0.3358



43.8566, 0.3079, 0.3214

Square

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



43.8566, 0.3133, 0.3358



43.8566, 0.3041, 0.3252



43.8566, 0.3121, 0.3224



43.8566, 0.3215, 0.3327

Rectangle

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



43.8566, 0.3133, 0.3358



43.8566, 0.3065, 0.3304



43.8566, 0.3121, 0.3224



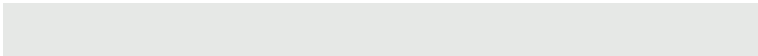
43.8566, 0.3190, 0.3276

Sweetspot

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



43.8585, 0.3133, 0.3358



80.2969, 0.3129, 0.3314



43.8919, 0.3169, 0.3343



17.7949, 0.3129, 0.3313



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.8585, 0.3133, 0.3358



79.4363, 0.3133, 0.3364



43.7951, 0.3113, 0.3339



9.8515, 0.3135, 0.3380



23.0828, 0.3080, 0.5937



0.7508, 0.3270, 0.5786

Inverse Universe

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



42.4339, 0.3121, 0.3223



76.6520, 0.3121, 0.3217



42.4993, 0.3142, 0.3242



9.4299, 0.3119, 0.3201



6.3955, 0.2699, 0.1260



0.2236, 0.2850, 0.1343

Previews

White Background



This preview shows how the Yxy color 43.8566, 0.3133, 0.3358 looks on a white background.

Color Contrast Check

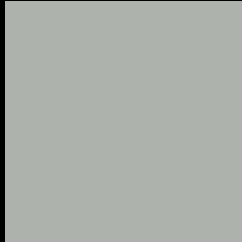
Large Text (above 18pt) WCAG AA × Fail

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 43.8566, 0.3133, 0.3358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

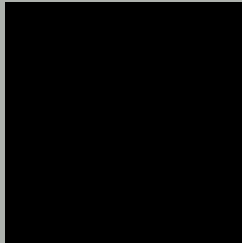
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

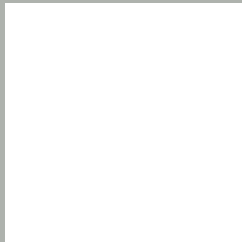
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.8566, 0.3133, 0.3358

Background



This preview shows how black text looks on a background with the Yxy color 43.8566, 0.3133, 0.3358.



This preview shows how white text looks on a background with the Yxy color 43.8566, 0.3133, 0.3358.

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

43.8566, 0.3133, 0.3358

Protanopia

43.8530, 0.3204, 0.3343

Deuteranopia

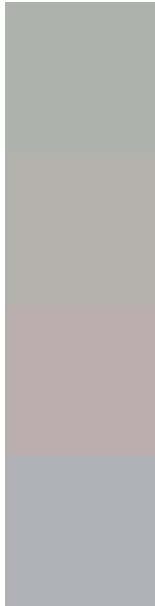
43.7839, 0.3321, 0.3252



Tritanopia

44.0719, 0.3032, 0.3119

Trichromacy



Original Color

43.8566, 0.3133, 0.3358

Protanomaly

43.8878, 0.3177, 0.3357

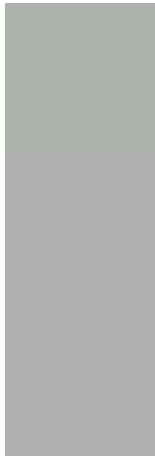
Deuteranomaly

43.8929, 0.3244, 0.3290

Tritanomaly

44.0933, 0.3070, 0.3210

Monochromacy



Original Color

43.8566, 0.3133, 0.3358

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.6534, 0.3126, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8566, 0.3133, 0.3358 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(174, 178, 173)` looks like.

```
.text, #text, p{  
    color:rgb(174, 178, 173)  
}
```

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(174, 178, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 178, 173) }
```

Border

The CSS property to change the border of an element to Yxy 43.8566, 0.3133, 0.3358 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(174, 178, 173) }
```

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

```
.border{ border-color:rgb(174, 178, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 178, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 178, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 178, 173);  
box-shadow:4px 4px 4px 4px rgb(174, 178,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8566, 0.3133, 0.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 178, 173) }
```

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

```
.background{ background-color: rgb(174,  
178, 173) }
```

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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