

Converting Colors

$Y_{xy}(45.1074, 0.3149, 0.3383)$

Have a look what the booklet for
Yxy(45.1074, 0.3149, 0.3383)
contains.

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Color

Yxy(44.8898, 0.3149, 0.3384)

Conversions

Conversions Part 1

Format	Color
Hex	B0B4AD
RGB	176, 180, 173
RGB Percent	69%, 71%, 68%
CMY	0.3097, 0.2941, 0.3216
CMYK	0.02, 0.00, 0.04, 0.29
HSL	94°, 4%, 69%
HSV	94°, 4%, 71%
XYZ	41.7725, 44.8898, 45.9908
YIQ	178.0060, -0.1370, -3.0250

Conversions

Conversions Part 2

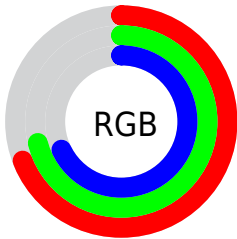
Format	Color
RYB	173, 180, 177
Decimal	11580589
CIELab	72.82, -2.69, 3.08
CIElCh	73, 4.088, 131.199
Yxy	44.8898, 0.3149, 0.3384
Android (android.graphics.Color)	4289770669 (0xFFB0B4AD)
YUV	178.0060, -2.4680, -1.7593
Hunter-Lab	66.9999, -5.9602, 6.2014

Details

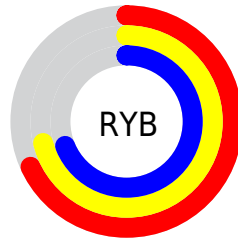
The Yxy color $44.8898, 0.3149, 0.3384$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $42.5190, 0.3105, 0.3196$, and the grayscale version is $44.5402, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.7481, 0.3150, 0.3373$, and $20.8443, 0.3158, 0.3401$ is the 20% darker color. If you saturate the color by 10%, you get $43.0979, 0.3205, 0.3642$, and if you desaturate by 10%, it is $46.8685, 0.3093, 0.3150$.

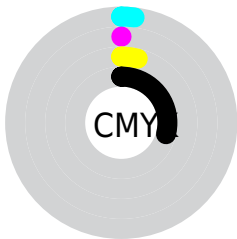
Distribution



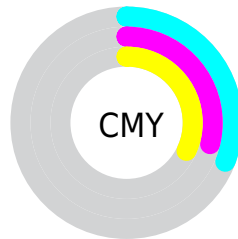
- Red (69%)
- Green (71%)
- Blue (68%)



- Red (68%)
- Yellow (71%)
- Blue (69%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (29%)



- Cyan (31%)
- Magenta (29%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.8898, 0.3149, 0.3384 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 44.8898, 0.3149, 0.3384 by changing the saturation by 10% instead.

■ 44.8898, 0.3149,
0.3384

■ 44.8898, 0.3149,
0.3384

366.3271, 0.3138,
0.3337

■ 31.3706, 0.3152,
0.3396

■ 82.5550, 0.3145,
0.3367

■ 20.8812, 0.3155,
0.3412

107.4699, 0.3144,
0.3360

■ 13.0372, 0.3160,
0.3433

136.9521, 0.3142,
0.3355

■ 7.4542, 0.3166,
0.3462

171.3860, 0.3141,
0.3350

■ 3.7477, 0.3176,
0.3508

211.1561, 0.3140,
0.3346

■ 1.5335, 0.3191,
0.3586

256.6467, 0.3140,

■ 0.3121, 0.3458,

0.3342

0.4674

308.2422, 0.3139,
0.3339

0.0000, 0.0000,
0.0000

44.8898, 0.3149,
0.3384

44.8898, 0.3149,
0.3384

43.0979, 0.3205,
0.3642

46.8685, 0.3093,
0.3150

41.4814, 0.3259,
0.3920

49.0337, 0.3039,
0.2939

40.0362, 0.3308,
0.4216

51.3924, 0.2987,
0.2751

38.7559, 0.3348,
0.4520

53.9495, 0.2937,
0.2583

37.6338, 0.3377,
0.4822

56.1848, 0.2945,
0.2506

■ 36.6625, 0.3390,
0.5107

■ 57.8898, 0.3023,
0.2524

■ 35.8340, 0.3384,
0.5358

■ 59.6944, 0.3102,
0.2542

■ 35.1391, 0.3358,
0.5562

■ 61.1214, 0.3162,
0.2556

■ 34.5674, 0.3314,
0.5707

Harmonies

Analogous

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



44.8898, 0.3202, 0.3390



44.8898, 0.3149, 0.3384



44.8898, 0.3091, 0.3352

Triad

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



44.8898, 0.3149, 0.3384



44.8898, 0.3021, 0.3211



44.8898, 0.3212, 0.3276

Complementary

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



44.8898, 0.3149, 0.3384



42.5190, 0.3105, 0.3196

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.



44.8898, 0.3163, 0.3229



44.8898, 0.3149, 0.3384



44.8898, 0.3053, 0.3192

Square

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



44.8898, 0.3149, 0.3384



44.8898, 0.3017, 0.3252



44.8898, 0.3105, 0.3199



44.8898, 0.3239, 0.3327

Rectangle

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



44.8898, 0.3149, 0.3384



44.8898, 0.3057, 0.3321



44.8898, 0.3105, 0.3199



44.8898, 0.3198, 0.3259

Sweetspot

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



44.8917, 0.3149, 0.3384



82.3981, 0.3133, 0.3314



44.1017, 0.3186, 0.3342



17.8133, 0.3133, 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.



44.8917, 0.3149, 0.3384



80.9965, 0.3156, 0.3413



44.5544, 0.3120, 0.3380



9.8138, 0.3159, 0.3426



23.9557, 0.3291, 0.5769



0.7885, 0.3523, 0.5585

Inverse Universe

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



42.5190, 0.3105, 0.3196



75.4225, 0.3097, 0.3167



42.8660, 0.3134, 0.3202



9.0725, 0.3094, 0.3155



4.3055, 0.2171, 0.0970



0.1692, 0.2459, 0.1128

Previews

White Background



This preview shows how the Yxy color 44.8898, 0.3149, 0.3384 looks on a white background.

Color Contrast Check

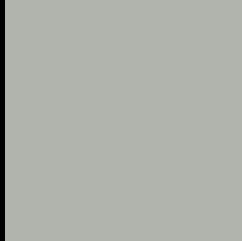
Large Text (above 18pt) WCAG AA × Fail

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 44.8898, 0.3149, 0.3384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

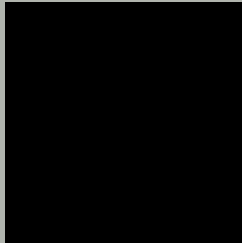
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

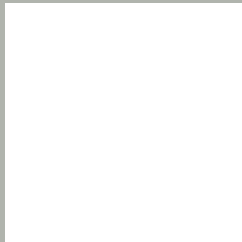
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.8898, 0.3149, 0.3384

Background



This preview shows how black text looks on a background with the Yxy color 44.8898, 0.3149, 0.3384.



This preview shows how white text looks on a background with the Yxy color 44.8898, 0.3149, 0.3384.

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

44.8898, 0.3149, 0.3384

Protanopia

44.8866, 0.3220, 0.3369

Deuteranopia

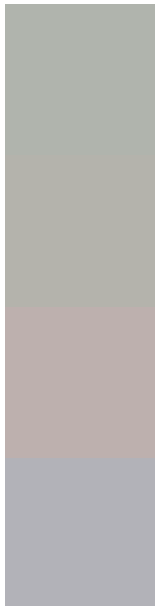
44.8134, 0.3336, 0.3278



Tritanopia

44.7896, 0.3033, 0.3107

Trichromacy



Original Color

44.8898, 0.3149, 0.3384

Protanomaly

44.9221, 0.3192, 0.3383

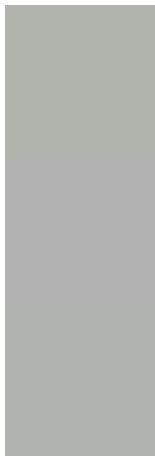
Deuteranomaly

44.9255, 0.3259, 0.3316

Tritanomaly

44.7665, 0.3079, 0.3211

Monochromacy



Original Color

44.8898, 0.3149, 0.3384

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.7219, 0.3134, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8898, 0.3149, 0.3384 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(176, 180, 173)` looks like.

```
.text, #text, p{  
    color:rgb(176, 180, 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(176, 180, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 180, 173) }
```

Border

The CSS property to change the border of an element to Yxy 44.8898, 0.3149, 0.3384 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(176, 180, 173) }
```

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

```
.border{ border-color:rgb(176, 180, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 180, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 180, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 180, 173);  
box-shadow:4px 4px 4px 4px rgb(176, 180,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8898, 0.3149, 0.3384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 180, 173) }
```

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

```
.background{ background-color: rgb(176,  
180, 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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