

Converting Colors

$Y_{xy}(44.9292, 0.2979, 0.3194)$

Have a look what the booklet for
Yxy(44.9292, 0.2979, 0.3194)
contains.

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Color

Yxy(44.7084, 0.2973, 0.3183)

Conversions

Conversions Part 1

Format	Color
Hex	A9B4BC
RGB	169, 180, 188
RGB Percent	66%, 71%, 74%
CMY	0.3372, 0.2941, 0.2628
CMYK	0.10, 0.04, 0.00, 0.26
HSL	205°, 12%, 70%
HSV	205°, 10%, 74%
XYZ	41.7587, 44.7084, 53.9928
YIQ	177.6230, -9.1240, 0.1560

Conversions

Conversions Part 2

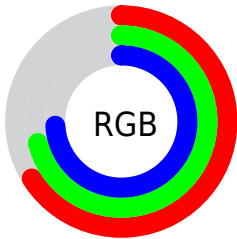
Format	Color
R _Y B	169, 176, 188
Decimal	11121852
CIE Lab	72.70, -2.22, -5.37
CIE LCh	73, 5.812, 247.569
Yxy	44.7084, 0.2973, 0.3183
Android (android.graphics.Color)	4289311932 (0xFFA9B4BC)
YUV	177.6230, 5.1159, -7.5624
Hunter-Lab	66.8643, -5.5341, -1.0715

Details

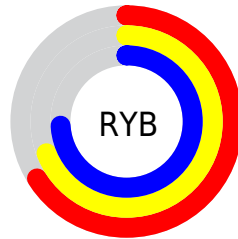
The Yxy color **44.7084, 0.2973, 0.3183** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.9876, 0.3291, 0.3395**, and the grayscale version is **44.2880, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3699, 0.3000, 0.3207**, and **20.7099, 0.2928, 0.3142** is the 20% darker color. If you saturate the color by 10%, you get **39.6799, 0.2817, 0.3065**, and if you desaturate by 10%, it is **50.2212, 0.3126, 0.3289**.

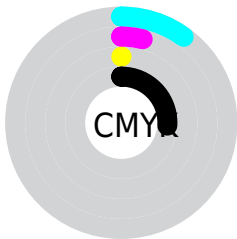
Distribution



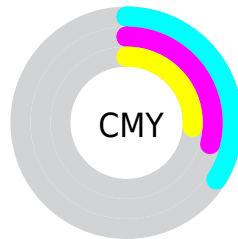
- Red (66%)
- Green (71%)
- Blue (74%)



- Red (66%)
- Yellow (69%)
- Blue (74%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (26%)



- Cyan (34%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.7084, 0.2973, 0.3183 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 44.7084, 0.2973, 0.3183 by changing the saturation by 10% instead.

■ 44.7084, 0.2973,
0.3183

■ 44.7084, 0.2973,
0.3183

■ 365.5913, 0.3050,
0.3237

■ 31.2278, 0.2954,
0.3169

■ 82.2827, 0.3001,
0.3203

■ 20.7724, 0.2929,
0.3152

■ 107.1451, 0.3012,
0.3210

■ 12.9577, 0.2895,
0.3128

■ 136.5703, 0.3021,
0.3217

■ 7.3994, 0.2848,
0.3094

■ 170.9427, 0.3028,
0.3222

■ 3.7131, 0.2778,
0.3043

■ 210.6465, 0.3035,
0.3226

■ 1.5144, 0.2661,
0.2955

■ 256.0663, 0.3041,

■ 0.2988, 0.1869,

0.3231

0.2430

307.5864, 0.3046,
0.3234

0.0000, 0.0000,
0.0000

44.7084, 0.2973,
0.3183

44.7084, 0.2973,
0.3183

39.6799, 0.2817,
0.3065

50.2212, 0.3126,
0.3289

35.1145, 0.2660,
0.2936

56.2277, 0.3273,
0.3384

30.9973, 0.2506,
0.2796

62.7437, 0.3414,
0.3468

27.3105, 0.2357,
0.2647

69.7828, 0.3547,
0.3542

24.0347, 0.2220,
0.2490

75.8106, 0.3612,
0.3614

■ 21.1487, 0.2097,
0.2328

■ 80.0419, 0.3592,
0.3691

■ 18.6286, 0.1994,
0.2165

■ 84.4715, 0.3573,
0.3767

■ 16.4470, 0.1911,
0.2005

■ 89.1020, 0.3554,
0.3842

■ 14.5683, 0.1847,
0.1851

■ 93.9359, 0.3535,
0.3914

Harmonies

Analogous

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



44.7084, 0.2973, 0.3244



44.7084, 0.2973, 0.3183



44.7084, 0.3014, 0.3152

Triad

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



44.7084, 0.2973, 0.3183



44.7084, 0.3242, 0.3261



44.7084, 0.3168, 0.3427

Complementary

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



44.7084, 0.2973, 0.3183



44.9876, 0.3291, 0.3395

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.



44.7084, 0.3241, 0.3430



44.7084, 0.2973, 0.3183



44.7084, 0.3284, 0.3333

Square

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



44.7084, 0.2973, 0.3183



44.7084, 0.3168, 0.3197



44.7084, 0.3284, 0.3395



44.7084, 0.3085, 0.3386

Rectangle

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



44.7084, 0.2973, 0.3183



44.7084, 0.3059, 0.3151



44.7084, 0.3284, 0.3395



44.7084, 0.3194, 0.3433

Sweetspot

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



44.7103, 0.2973, 0.3183



87.9980, 0.3081, 0.3259



47.5633, 0.3056, 0.3438



18.7476, 0.3069, 0.3251



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



44.7103, 0.2973, 0.3183



79.0634, 0.2940, 0.3159



41.0340, 0.2972, 0.3055



10.1194, 0.2984, 0.3191



10.0709, 0.1853, 0.1870



0.5212, 0.1957, 0.2246

Inverse Universe

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



42.3610, 0.3206, 0.3147



74.0459, 0.3225, 0.3116



48.8387, 0.3278, 0.3515



9.6266, 0.3200, 0.3158



8.0464, 0.4603, 0.2309



0.3280, 0.4184, 0.2078

Previews

White Background



This preview shows how the Yxy color 44.7084, 0.2973, 0.3183 looks on a white background.

Color Contrast Check

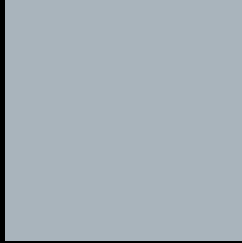
Large Text (above 18pt) WCAG AA × Fail

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 44.7084, 0.2973, 0.3183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

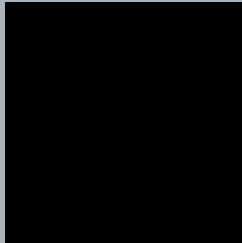
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

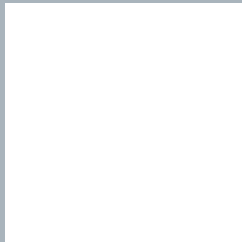
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.7084, 0.2973, 0.3183

Background



This preview shows how black text looks on a background with the Yxy color 44.7084, 0.2973, 0.3183.



This preview shows how white text looks on a background with the Yxy color 44.7084, 0.2973, 0.3183.

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

44.7084, 0.2973, 0.3183

Protanopia

44.5732, 0.3072, 0.3172

Deuteranopia

44.5084, 0.3146, 0.3086



Tritanopia

44.6365, 0.2943, 0.3104

Trichromacy



Original Color

44.7084, 0.2973, 0.3183

Protanomaly

44.5426, 0.3030, 0.3171

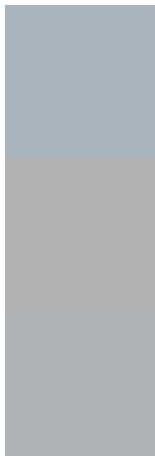
Deuteranomaly

44.6699, 0.3075, 0.3121

Tritanomaly

44.5478, 0.2958, 0.3130

Monochromacy



Original Color

44.7084, 0.2973, 0.3183

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.7316, 0.3069, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7084, 0.2973, 0.3183 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(169, 180, 188)` looks like.

```
.text, #text, p{  
    color:rgb(169, 180, 188)  
}
```

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(169, 180, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 180, 188) }
```

Border

The CSS property to change the border of an element to Yxy 44.7084, 0.2973, 0.3183 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(169, 180, 188) }
```

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

```
.border{ border-color:rgb(169, 180, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 180, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 180, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 180, 188);  
box-shadow:4px 4px 4px 4px rgb(169, 180,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7084, 0.2973, 0.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 180, 188) }
```

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

```
.background{ background-color: rgb(169,  
180, 188) }
```

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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