

Converting Colors

$Yxy(43.7982, 0.2934, 0.3161)$

Have a look what the booklet for
Yxy(43.7982, 0.2934, 0.3161)
contains.

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Color

Yxy(43.8704, 0.2940, 0.3168)

Conversions

Conversions Part 1

Format	Color
Hex	A5B3BC
RGB	165, 179, 188
RGB Percent	65%, 70%, 74%
CMY	0.3530, 0.2980, 0.2628
CMYK	0.12, 0.05, 0.00, 0.26
HSL	203°, 15%, 69%
HSV	203°, 12%, 74%
XYZ	40.7131, 43.8704, 53.8963
YIQ	175.8400, -11.2330, -0.1690

Conversions

Conversions Part 2

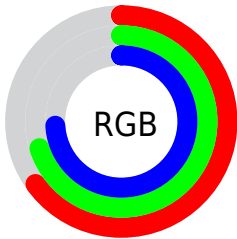
Format	Color
RYB	165, 174, 188
Decimal	10859452
CIELab	72.14, -3.01, -6.24
CIELCh	72, 6.930, 244.221
Yxy	43.8704, 0.2940, 0.3168
Android (android.graphics.Color)	4289049532 (0xFFA5B3BC)
YUV	175.8400, 5.9949, -9.5067
Hunter-Lab	66.2347, -6.1907, -1.8810

Details

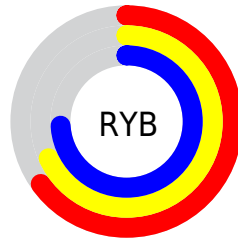
The Yxy color **43.8704, 0.2940, 0.3168** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.6745, 0.3330, 0.3409**, and the grayscale version is **43.3014, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.1640, 0.2975, 0.3196**, and **20.1817, 0.2883, 0.3121** is the 20% darker color. If you saturate the color by 10%, you get **39.1345, 0.2785, 0.3056**, and if you desaturate by 10%, it is **49.0633, 0.3093, 0.3269**.

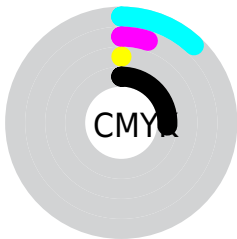
Distribution



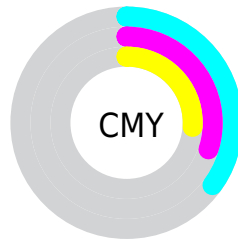
- Red (65%)
- Green (70%)
- Blue (74%)



- Red (65%)
- Yellow (68%)
- Blue (74%)



- Cyan (12%)
- Magenta (5%)
- Yellow (0%)
- Black (26%)



- Cyan (35%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.8704, 0.2940, 0.3168 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 43.8704, 0.2940, 0.3168 by changing the saturation by 10% instead.

■ 43.8704, 0.2940,
0.3168

■ 43.8704, 0.2940,
0.3168

■ 362.1792, 0.3034,
0.3230

■ 30.5686, 0.2916,
0.3152

■ 81.0227, 0.2974,
0.3191

■ 20.2706, 0.2886,
0.3132

■ 105.6420, 0.2987,
0.3199

■ 12.5919, 0.2845,
0.3104

■ 134.8026, 0.2998,
0.3206

■ 7.1481, 0.2788,
0.3065

■ 168.8890, 0.3007,
0.3213

■ 3.5549, 0.2702,
0.3005

■ 208.2854, 0.3015,
0.3218

■ 1.4278, 0.2557,
0.2901

■ 253.3763, 0.3022,

■ 0.2371, 0.1401,

0.3222

0.2189

304.5461, 0.3029,
0.3227

0.0000, 0.0000,
0.0000

43.8704, 0.2940,
0.3168

43.8704, 0.2940,
0.3168

39.1345, 0.2785,
0.3056

49.0633, 0.3093,
0.3269

34.8348, 0.2630,
0.2935

54.7222, 0.3243,
0.3359

30.9568, 0.2479,
0.2803

60.8625, 0.3386,
0.3440

27.4830, 0.2337,
0.2663

67.4975, 0.3523,
0.3511

24.3944, 0.2206,
0.2516

73.8741, 0.3621,
0.3576

■ 21.6699, 0.2092,
0.2366

■ 77.7185, 0.3603,
0.3649

■ 19.2858, 0.1997,
0.2216

■ 81.7333, 0.3584,
0.3721

■ 17.2140, 0.1922,
0.2067

■ 85.9207, 0.3566,
0.3791

■ 15.7806, 0.1876,
0.1954

■ 90.2828, 0.3549,
0.3860

Harmonies

Analogous

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



43.8704, 0.2946, 0.3244



43.8704, 0.2940, 0.3168



43.8704, 0.2984, 0.3126

Triad

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



43.8704, 0.2940, 0.3168



43.8704, 0.3256, 0.3245



43.8704, 0.3187, 0.3458

Complementary

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



43.8704, 0.2940, 0.3168



43.6745, 0.3330, 0.3409

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.



43.8704, 0.3272, 0.3456



43.8704, 0.2940, 0.3168



43.8704, 0.3312, 0.3332

Square

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



43.8704, 0.2940, 0.3168



43.8704, 0.3166, 0.3172



43.8704, 0.3318, 0.3409



43.8704, 0.3087, 0.3413

Rectangle

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



43.8704, 0.2940, 0.3168



43.8704, 0.3035, 0.3123



43.8704, 0.3318, 0.3409



43.8704, 0.3218, 0.3463

Sweetspot

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



43.8722, 0.2940, 0.3168



87.1381, 0.3066, 0.3251



47.0126, 0.3046, 0.3483



18.5821, 0.3054, 0.3244



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.



43.8722, 0.2940, 0.3168



76.8442, 0.2893, 0.3136



39.5168, 0.2937, 0.3011



10.1663, 0.2984, 0.3198



10.8926, 0.1881, 0.1972



0.5504, 0.1979, 0.2323

Inverse Universe

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



40.8548, 0.3219, 0.3107



70.2656, 0.3245, 0.3060



48.2365, 0.3312, 0.3554



9.6314, 0.3196, 0.3151



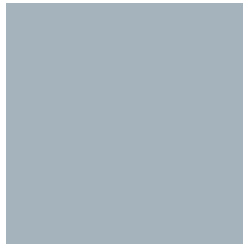
8.1293, 0.4484, 0.2244



0.3309, 0.4103, 0.2034

Previews

White Background



This preview shows how the Yxy color 43.8704, 0.2940, 0.3168 looks on a white background.

Color Contrast Check

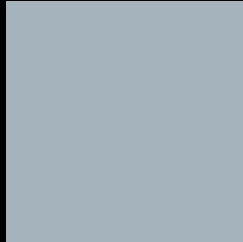
Large Text (above 18pt) WCAG AA × Fail

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 43.8704, 0.2940, 0.3168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

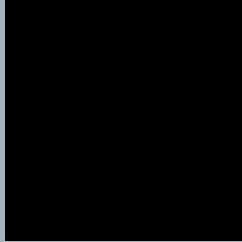
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

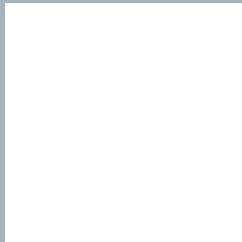
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.8704, 0.2940, 0.3168

Background



This preview shows how black text looks on a background with the Yxy color 43.8704, 0.2940, 0.3168.

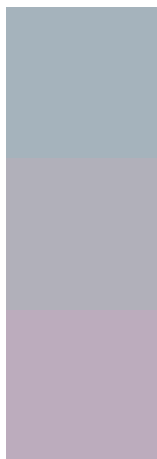


This preview shows how white text looks on a background with the Yxy color 43.8704, 0.2940, 0.3168.

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

43.8704, 0.2940, 0.3168

Protanopia

43.9430, 0.3056, 0.3158

Deuteranopia

43.8705, 0.3129, 0.3072



Tritanopia

43.7536, 0.2918, 0.3102

Trichromacy



Original Color

43.8704, 0.2940, 0.3168

Protanomaly

43.9164, 0.3014, 0.3157

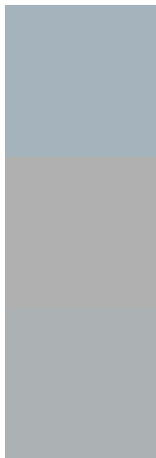
Deuteranomaly

44.0374, 0.3058, 0.3107

Tritanomaly

43.7094, 0.2925, 0.3115

Monochromacy



Original Color

43.8704, 0.2940, 0.3168

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.5102, 0.3060, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8704, 0.2940, 0.3168 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(165, 179, 188)` looks like.

```
.text, #text, p{  
    color:rgb(165, 179, 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(165, 179, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 179, 188) }
```

Border

The CSS property to change the border of an element to Yxy 43.8704, 0.2940, 0.3168 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(165, 179, 188) }
```

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

```
.border{ border-color:rgb(165, 179, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 179, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 179, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 179, 188);  
box-shadow:4px 4px 4px 4px rgb(165, 179,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8704, 0.2940, 0.3168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 179, 188) }
```

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

```
.background{ background-color: rgb(165,  
179, 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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