

Converting Colors

$Y_{xy}(44.1209, 0.2907, 0.3115)$

Have a look what the booklet for
Yxy(44.1209, 0.2907, 0.3115)
contains.

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Color

Yxy(44.0453, 0.2910, 0.3115)

Conversions

Conversions Part 1

Format	Color
Hex	A5B3C0
RGB	165, 179, 192
RGB Percent	65%, 70%, 75%
CMY	0.3531, 0.2980, 0.2470
CMYK	0.14, 0.07, 0.00, 0.25
HSL	209°, 18%, 70%
HSV	209°, 14%, 75%
XYZ	41.1467, 44.0453, 56.2055
YIQ	176.2960, -12.5170, 1.0750

Conversions

Conversions Part 2

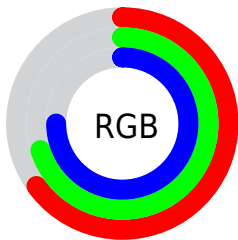
Format	Color
R_{YB}	165, 174, 192
Decimal	10859456
CIE _{Lab}	72.26, -2.18, -8.27
CIE _{LCh}	72, 8.550, 255.196
Yxy	44.0453, 0.2910, 0.3115
Android (android.graphics.Color)	4289049536 (0xFFA5B3C0)
YUV	176.2960, 7.7421, -9.9066
Hunter-Lab	66.3666, -5.4734, -3.7557

Details

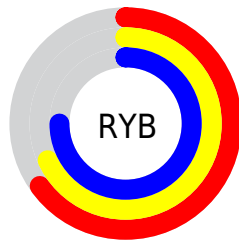
The Yxy color **44.0453, 0.2910, 0.3115** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.7480, 0.3360, 0.3459**, and the grayscale version is **43.5406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4096, 0.2951, 0.3154**, and **20.2965, 0.2844, 0.3049** is the 20% darker color. If you saturate the color by 10%, you get **38.5648, 0.2750, 0.2974**, and if you desaturate by 10%, it is **50.0860, 0.3065, 0.3242**.

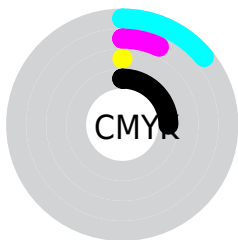
Distribution



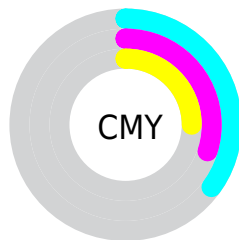
- Red (65%)
- Green (70%)
- Blue (75%)



- Red (65%)
- Yellow (68%)
- Blue (75%)



- Cyan (14%)
- Magenta (7%)
- Yellow (0%)
- Black (25%)



- Cyan (35%)
- Magenta (30%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0453, 0.2910, 0.3115 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 44.0453, 0.2910, 0.3115 by changing the saturation by 10% instead.

■ 44.0453, 0.2910,
0.3115

■ 44.0453, 0.2910,
0.3115

362.8931, 0.3019,
0.3204

■ 30.7061, 0.2883,
0.3093

■ 81.2859, 0.2950,
0.3147

■ 20.3752, 0.2847,
0.3064

■ 105.9561, 0.2965,
0.3160

■ 12.6681, 0.2800,
0.3025

135.1721, 0.2977,
0.3170

■ 7.2004, 0.2734,
0.2970

169.3184, 0.2988,
0.3179

■ 3.5877, 0.2636,
0.2886

208.7792, 0.2997,
0.3186

■ 1.4457, 0.2471,
0.2745

253.9390, 0.3005,

■ 0.2501, 0.1435,

0.3193

0.1947

305.1821, 0.3013,
0.3198

0.0000, 0.0000,
0.0000

44.0453, 0.2910,
0.3115

44.0453, 0.2910,
0.3115

38.5648, 0.2750,
0.2974

50.0860, 0.3065,
0.3242

33.6206, 0.2589,
0.2820

56.6990, 0.3215,
0.3356

29.1948, 0.2430,
0.2653

63.9029, 0.3356,
0.3456

25.2661, 0.2278,
0.2476

71.7135, 0.3489,
0.3545

21.8117, 0.2137,
0.2292

78.9962, 0.3569,
0.3628

■ 18.8062, 0.2013,
0.2105

■ 84.1250, 0.3548,
0.3718

■ 16.2212, 0.1909,
0.1919

■ 89.5276, 0.3527,
0.3805

■ 14.0231, 0.1828,
0.1741

■ 95.2081, 0.3507,
0.3890

■ 12.8702, 0.1789,
0.1639

■ 96.5861, 0.3502,
0.3909

Harmonies

Analogous

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



44.0453, 0.2894, 0.3195



44.0453, 0.2910, 0.3115



44.0453, 0.2983, 0.3083

Triad

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



44.0453, 0.2910, 0.3115



44.0453, 0.3318, 0.3273



44.0453, 0.3156, 0.3484

Complementary

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



44.0453, 0.2910, 0.3115



45.7480, 0.3360, 0.3459

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.



44.0453, 0.3271, 0.3503



44.0453, 0.2910, 0.3115



44.0453, 0.3366, 0.3378

Square

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



44.0453, 0.2910, 0.3115



44.0453, 0.3218, 0.3174



44.0453, 0.3348, 0.3463



44.0453, 0.3034, 0.3410

Rectangle

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



44.0453, 0.2910, 0.3115



44.0453, 0.3055, 0.3092



44.0453, 0.3348, 0.3463



44.0453, 0.3196, 0.3497

Sweetspot

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



44.0471, 0.2910, 0.3115



90.7675, 0.3066, 0.3242



48.8958, 0.3018, 0.3484



19.2866, 0.3054, 0.3233



97.7402, 0.3127, 0.3290



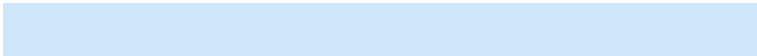
20.4902, 0.3127, 0.3290

Same Dimension

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



44.0471, 0.2910, 0.3115



76.5287, 0.2859, 0.3072



39.0263, 0.2904, 0.2934



10.5941, 0.2984, 0.3177



8.8164, 0.1795, 0.1660



0.5184, 0.1904, 0.2054

Inverse Universe

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



41.3608, 0.3257, 0.3109



70.8178, 0.3291, 0.3066



51.2305, 0.3337, 0.3623



10.1633, 0.3210, 0.3171



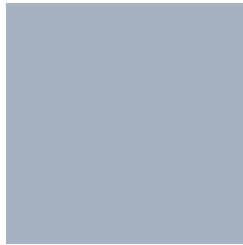
8.1723, 0.4856, 0.2448



0.3670, 0.4392, 0.2193

Previews

White Background



This preview shows how the Yxy color 44.0453, 0.2910, 0.3115 looks on a white background.

Color Contrast Check

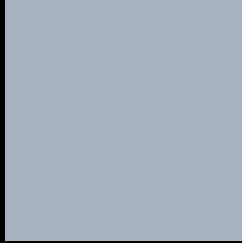
Large Text (above 18pt) WCAG AA × Fail

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 44.0453, 0.2910, 0.3115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

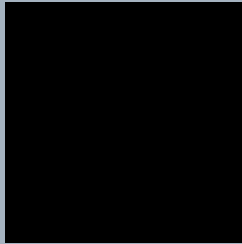
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

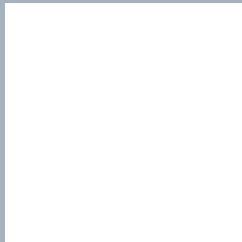
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.0453, 0.2910, 0.3115

Background



This preview shows how black text looks on a background with the Yxy color 44.0453, 0.2910, 0.3115.

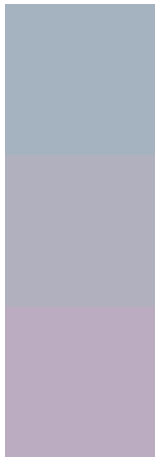


This preview shows how white text looks on a background with the Yxy color 44.0453, 0.2910, 0.3115.

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

44.0453, 0.2910, 0.3115

Protanopia

43.9985, 0.3016, 0.3106

Deuteranopia

43.9201, 0.3087, 0.3022



Tritanopia

44.0898, 0.2903, 0.3102

Trichromacy



Original Color

44.0453, 0.2910, 0.3115

Protanomaly

43.9765, 0.2974, 0.3104

Deuteranomaly

44.0939, 0.3018, 0.3056

Tritanomaly

44.0898, 0.2903, 0.3102

Monochromacy



Original Color

44.0453, 0.2910, 0.3115

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.5923, 0.3044, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0453, 0.2910, 0.3115 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(165, 179, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 179, 192) }
```

Border

The CSS property to change the border of an element to Yxy 44.0453, 0.2910, 0.3115 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, 192) }
```

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

```
.border{ border-color:rgb(165, 179, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 179, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 179, 192);  
box-shadow:4px 4px 4px 4px rgb(165, 179,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0453, 0.2910, 0.3115 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, 192) }
```

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

```
.background{ background-color: rgb(165,  
179, 192) }
```

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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