

Converting Colors

$Y_{xy}(44.5558, 0.2928, 0.3157)$

Have a look what the booklet for
Yxy(44.5558, 0.2928, 0.3157)
contains.

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Color

Yxy(44.3596, 0.2925, 0.3155)

Conversions

Conversions Part 1

Format	Color
Hex	A5B4BE
RGB	165, 180, 190
RGB Percent	65%, 71%, 75%
CMY	0.3531, 0.2941, 0.2549
CMYK	0.13, 0.05, 0.00, 0.25
HSL	204°, 16%, 70%
HSV	204°, 13%, 75%
XYZ	41.1258, 44.3596, 55.1156
YIQ	176.6550, -12.1500, -0.0700

Conversions

Conversions Part 2

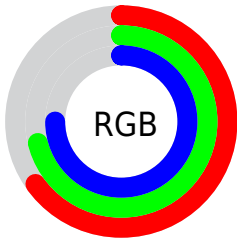
Format	Color
R _Y B	165, 174, 190
Decimal	10859710
CIE Lab	72.47, -3.15, -6.86
CIE LCh	72, 7.550, 245.331
Yxy	44.3596, 0.2925, 0.3155
Android (android.graphics.Color)	4289049790 (0xFFA5B4BE)
YUV	176.6550, 6.5791, -10.2214
Hunter-Lab	66.6030, -6.3357, -2.4418

Details

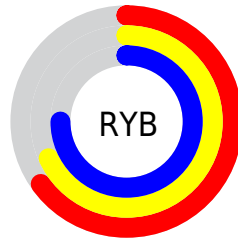
The Yxy color **44.3596, 0.2925, 0.3155** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.3027, 0.3347, 0.3421**, and the grayscale version is **43.7431, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.8604, 0.2963, 0.3185**, and **20.4956, 0.2864, 0.3104** is the 20% darker color. If you saturate the color by 10%, you get **39.4966, 0.2769, 0.3040**, and if you desaturate by 10%, it is **49.6963, 0.3079, 0.3259**.

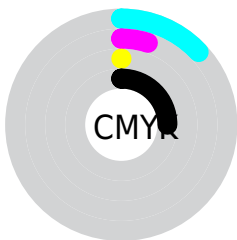
Distribution



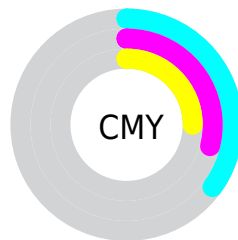
- Red (65%)
- Green (71%)
- Blue (75%)



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



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)
- Black (25%)





- Cyan (35%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3596, 0.2925, 0.3155 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 44.3596, 0.2925, 0.3155 by changing the saturation by 10% instead.


 44.3596, 0.2925,
0.3155


 44.3596, 0.2925,
0.3155


364.1737, 0.3026,
0.3224

 30.9533, 0.2900,
0.3138


 81.7586, 0.2962,
0.3180

 20.5633, 0.2867,
0.3115


 106.5201, 0.2976,
0.3190

 12.8052, 0.2823,
0.3085


135.8354, 0.2987,
0.3197

 7.2945, 0.2762,
0.3042

170.0890, 0.2997,
0.3204

 3.6470, 0.2670,
0.2976

209.6652, 0.3006,
0.3210

 1.4781, 0.2518,
0.2864

254.9485, 0.3014,

 0.2732, 0.1482,

0.3215

0.2216

306.3232, 0.3020,
0.3220

0.0000, 0.0000,
0.0000

44.3596, 0.2925,
0.3155

44.3596, 0.2925,
0.3155

39.4966, 0.2769,
0.3040

49.6963, 0.3079,
0.3259

35.0858, 0.2614,
0.2914

55.5163, 0.3229,
0.3352

31.1120, 0.2463,
0.2779

61.8356, 0.3372,
0.3435

27.5570, 0.2320,
0.2635

68.6680, 0.3510,
0.3509

24.4009, 0.2190,
0.2485

75.0740, 0.3601,
0.3577

■ 21.6217, 0.2076,
0.2331

■ 79.0929, 0.3583,
0.3652

■ 19.1943, 0.1982,
0.2177

■ 83.2938, 0.3564,
0.3725

■ 17.0893, 0.1909,
0.2026

■ 87.6790, 0.3546,
0.3797

■ 15.8036, 0.1868,
0.1925

■ 92.2508, 0.3529,
0.3868

Harmonies

Analogous

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



44.3596, 0.2929, 0.3236



44.3596, 0.2925, 0.3155



44.3596, 0.2974, 0.3112

Triad

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



44.3596, 0.2925, 0.3155



44.3596, 0.3270, 0.3245



44.3596, 0.3188, 0.3472

Complementary

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



44.3596, 0.2925, 0.3155



44.3027, 0.3347, 0.3421

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.



44.3596, 0.3281, 0.3471



44.3596, 0.2925, 0.3155



44.3596, 0.3330, 0.3339

Square

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



44.3596, 0.2925, 0.3155



44.3596, 0.3173, 0.3164



44.3596, 0.3333, 0.3422



44.3596, 0.3080, 0.3421

Rectangle

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



44.3596, 0.2925, 0.3155



44.3596, 0.3031, 0.3109



44.3596, 0.3333, 0.3422



44.3596, 0.3222, 0.3477

Sweetspot

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



44.3614, 0.2925, 0.3155



89.1633, 0.3066, 0.3250



47.9037, 0.3040, 0.3499



19.4122, 0.3054, 0.3243



97.7402, 0.3127, 0.3290



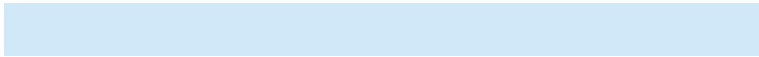
20.4902, 0.3127, 0.3290

Same Dimension

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



44.3614, 0.2925, 0.3155



77.5828, 0.2877, 0.3121



39.6717, 0.2921, 0.2988



10.1535, 0.2984, 0.3196



10.6640, 0.1874, 0.1944



0.5424, 0.1973, 0.2302

Inverse Universe

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



41.1375, 0.3229, 0.3095



70.6410, 0.3256, 0.3047



49.2413, 0.3327, 0.3575



9.6301, 0.3197, 0.3153



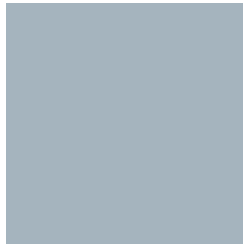
8.1062, 0.4516, 0.2262



0.3301, 0.4124, 0.2046

Previews

White Background



This preview shows how the Yxy color 44.3596, 0.2925, 0.3155 looks on a white background.

Color Contrast Check

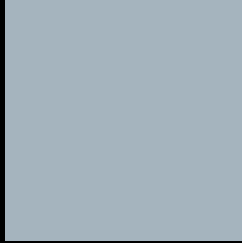
Large Text (above 18pt) WCAG AA × Fail

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 44.3596, 0.2925, 0.3155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

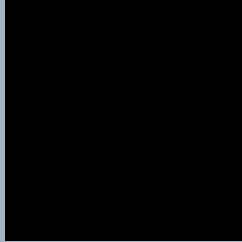
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

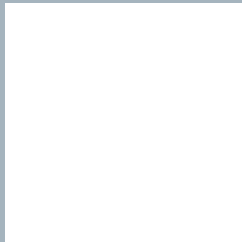
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.3596, 0.2925, 0.3155

Background



This preview shows how black text looks on a background with the Yxy color 44.3596, 0.2925, 0.3155.



This preview shows how white text looks on a background with the Yxy color 44.3596, 0.2925, 0.3155.

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

44.3596, 0.2925, 0.3155

Protanopia

44.1465, 0.3048, 0.3132

Deuteranopia

44.0022, 0.3104, 0.3035



Tritanopia

44.2422, 0.2904, 0.3089

Trichromacy



Original Color

44.3596, 0.2925, 0.3155

Protanomaly

44.0026, 0.2998, 0.3131

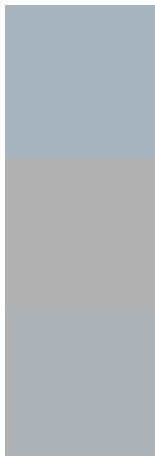
Deuteranomaly

44.1248, 0.3042, 0.3082

Tritanomaly

44.1974, 0.2911, 0.3102

Monochromacy



Original Color

44.3596, 0.2925, 0.3155

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.1024, 0.3052, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3596, 0.2925, 0.3155 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, 180, 190)` looks like.

```
.text, #text, p{  
    color:rgb(165, 180, 190)  
}
```

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, 180, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 180, 190) }
```

Border

The CSS property to change the border of an element to Yxy 44.3596, 0.2925, 0.3155 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, 180, 190) }
```

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

```
.border{ border-color:rgb(165, 180, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 180, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 180, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 180, 190);  
box-shadow:4px 4px 4px 4px rgb(165, 180,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3596, 0.2925, 0.3155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 180, 190) }
```

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

```
.background{ background-color: rgb(165,  
180, 190) }
```

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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