

Converting Colors

$Y_{xy}(44.1230, 0.2958, 0.3204)$

Have a look what the booklet for
Yxy(44.1230, 0.2958, 0.3204)
contains.

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Color

Yxy(44.1870, 0.2955, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	A5B4BA
RGB	165, 180, 186
RGB Percent	65%, 71%, 73%
CMY	0.3530, 0.2941, 0.2705
CMYK	0.11, 0.03, 0.00, 0.27
HSL	197°, 13%, 69%
HSV	197°, 11%, 73%
XYZ	40.7022, 44.1870, 52.8508
YIQ	176.1990, -10.8660, -1.3140

Conversions

Conversions Part 2

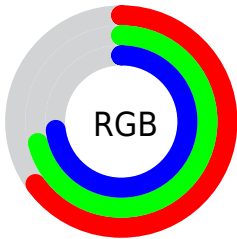
Format	Color
RYB	165, 174, 186
Decimal	10859706
CIELab	72.35, -3.96, -4.85
CIELCh	72, 6.257, 230.749
Yxy	44.1870, 0.2955, 0.3208
Android (android.graphics.Color)	4289049786 (0xFFA5B4BA)
YUV	176.1990, 4.8319, -9.8215
Hunter-Lab	66.4733, -7.0312, -0.6083

Details

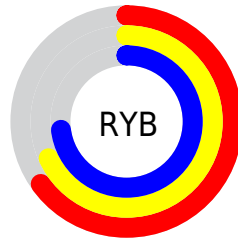
The Yxy color **44.1870, 0.2955, 0.3208** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.2905, 0.3317, 0.3371**, and the grayscale version is **43.5049, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.6174, 0.2986, 0.3227**, and **20.3829, 0.2904, 0.3177** is the 20% darker color. If you saturate the color by 10%, you get **40.2277, 0.2803, 0.3128**, and if you desaturate by 10%, it is **48.5228, 0.3107, 0.3281**.

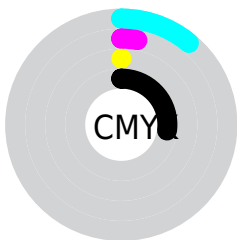
Distribution



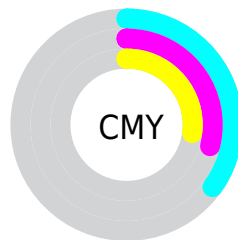
- Red (65%)
- Green (71%)
- Blue (73%)



- Red (65%)
- Yellow (68%)
- Blue (73%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)





- Cyan (35%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.1870, 0.2955, 0.3208 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 44.1870, 0.2955, 0.3208 by changing the saturation by 10% instead.


 44.1870, 0.2955,
0.3208


 44.1870, 0.2955,
0.3208


363.4708, 0.3041,
0.3250

 30.8175, 0.2933,
0.3197


 81.4991, 0.2987,
0.3223

 20.4600, 0.2905,
0.3183


 106.2105, 0.2998,
0.3229

 12.7298, 0.2868,
0.3164


135.4713, 0.3008,
0.3234

 7.2428, 0.2815,
0.3137

169.6660, 0.3017,
0.3238

 3.6144, 0.2736,
0.3096

209.1788, 0.3024,
0.3242

 1.4603, 0.2604,
0.3024

254.3944, 0.3031,

 0.2605, 0.1460,

0.3245

0.2520

305.6969, 0.3036,
0.3248

0.0000, 0.0000,
0.0000

44.1870, 0.2955,
0.3208

44.1870, 0.2955,
0.3208

40.2277, 0.2803,
0.3128

48.5228, 0.3107,
0.3281

36.6259, 0.2655,
0.3040

53.2422, 0.3258,
0.3347

33.3692, 0.2514,
0.2946

58.3589, 0.3405,
0.3405

30.4421, 0.2383,
0.2847

63.8844, 0.3548,
0.3457

27.8279, 0.2266,
0.2743

69.2546, 0.3660,
0.3505

■ 25.5078, 0.2166,
0.2637

■ 71.8732, 0.3646,
0.3559

■ 23.4607, 0.2084,
0.2529

■ 74.5796, 0.3632,
0.3612

■ 21.6615, 0.2022,
0.2422

■ 77.3746, 0.3618,
0.3665

■ 20.2564, 0.1981,
0.2330

■ 80.2591, 0.3604,
0.3717

Harmonies

Analogous

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



44.1870, 0.2980, 0.3285



44.1870, 0.2955, 0.3208



44.1870, 0.2975, 0.3155

Triad

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



44.1870, 0.2955, 0.3208



44.1870, 0.3209, 0.3217



44.1870, 0.3218, 0.3446

Complementary

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



44.1870, 0.2955, 0.3208



42.2905, 0.3317, 0.3371

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.



44.1870, 0.3281, 0.3425



44.1870, 0.2955, 0.3208



44.1870, 0.3276, 0.3293

Square

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



44.1870, 0.2955, 0.3208



44.1870, 0.3121, 0.3161



44.1870, 0.3303, 0.3369



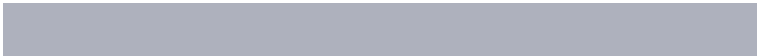
44.1870, 0.3132, 0.3424

Rectangle

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



44.1870, 0.2955, 0.3208



44.1870, 0.3011, 0.3139



44.1870, 0.3303, 0.3369



44.1870, 0.3243, 0.3444

Sweetspot

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



44.1888, 0.2955, 0.3208



86.5049, 0.3081, 0.3269



46.0653, 0.3068, 0.3496



18.9063, 0.3068, 0.3263



95.5105, 0.3127, 0.3290



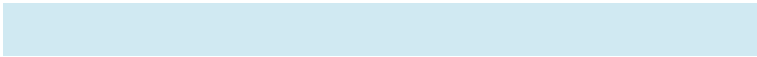
19.5994, 0.3127, 0.3290

Same Dimension

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



44.1888, 0.2955, 0.3208



77.9019, 0.2910, 0.3185



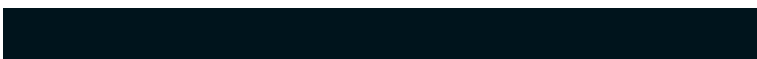
40.1266, 0.2953, 0.3064



9.7643, 0.2985, 0.3223



13.7570, 0.1984, 0.2344



0.5851, 0.2060, 0.2616

Inverse Universe

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



40.6461, 0.3192, 0.3093



70.0537, 0.3211, 0.3040



46.3969, 0.3300, 0.3507



9.1177, 0.3180, 0.3128



8.1711, 0.4081, 0.2022



0.2982, 0.3808, 0.1872

Previews

White Background



This preview shows how the Yxy color 44.1870, 0.2955, 0.3208 looks on a white background.

Color Contrast Check

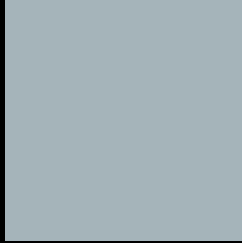
Large Text (above 18pt) WCAG AA × Fail

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 44.1870, 0.2955, 0.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

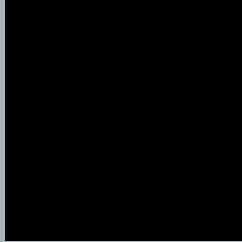
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

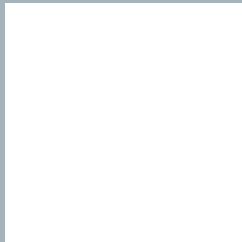
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.1870, 0.2955, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 44.1870, 0.2955, 0.3208.



This preview shows how white text looks on a background with the Yxy color 44.1870, 0.2955, 0.3208.

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

44.1870, 0.2955, 0.3208

Protanopia

43.9763, 0.3080, 0.3184

Deuteranopia

44.0830, 0.3155, 0.3086



Tritanopia

44.1974, 0.2911, 0.3102

Trichromacy



Original Color

44.1870, 0.2955, 0.3208

Protanomaly

43.8313, 0.3029, 0.3183

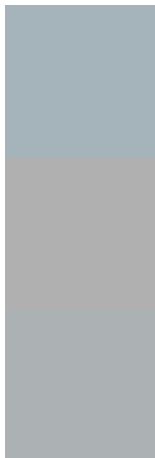
Deuteranomaly

44.0716, 0.3082, 0.3133

Tritanomaly

44.0649, 0.2933, 0.3142

Monochromacy



Original Color

44.1870, 0.2955, 0.3208

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 44.1870, 0.2955, 0.3208 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(165, 180, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 180, 186) }
```

Border

The CSS property to change the border of an element to Yxy 44.1870, 0.2955, 0.3208 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, 186) }
```

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

```
.border{ border-color:rgb(165, 180, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 180, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 180, 186);  
box-shadow:4px 4px 4px 4px rgb(165, 180,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1870, 0.2955, 0.3208 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, 186) }
```

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

```
.background{ background-color: rgb(165,  
180, 186) }
```

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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