

Converting Colors

$Y_{xy}(54.7821, 0.2911, 0.3239)$

Have a look what the booklet for
Yxy(54.7821, 0.2911, 0.3239)
contains.

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Color

Yxy(54.7821, 0.2911, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	AFC8CC
RGB	175, 200, 204
RGB Percent	69%, 78%, 80%
CMY	0.3137, 0.2157, 0.1999
CMYK	0.14, 0.02, 0.00, 0.20
HSL	188°, 22%, 74%
HSV	188°, 14%, 80%
XYZ	49.2345, 54.7821, 65.1161
YIQ	192.9810, -16.1840, -4.0560

Conversions

Conversions Part 2

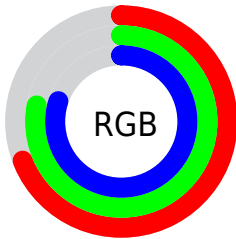
Format	Color
R_{YB}	175, 188, 204
Decimal	11520204
CIE _{Lab}	78.92, -7.56, -4.85
CIE _{LCh}	79, 8.986, 212.701
Yxy	54.7821, 0.2911, 0.3239
Android (android.graphics.Color)	4289710284 (0xFFAFC8CC)
YUV	192.9810, 5.4324, -15.7693
Hunter-Lab	74.0149, -10.7884, -0.3511

Details

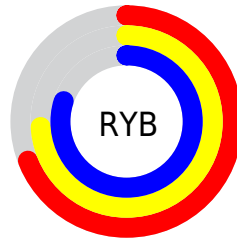
The Yxy color **54.7821, 0.2911, 0.3239** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.1836, 0.3381, 0.3340**, and the grayscale version is **53.2933, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7289, 0.2982, 0.3290**, and **26.8974, 0.2852, 0.3221** is the 20% darker color. If you saturate the color by 10%, you get **51.3031, 0.2766, 0.3199**, and if you desaturate by 10%, it is **58.6464, 0.3062, 0.3276**.

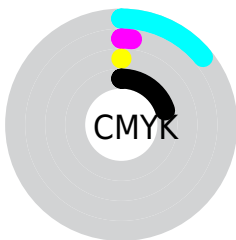
Distribution



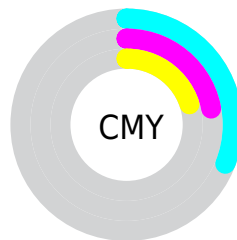
- Red (69%)
- Green (78%)
- Blue (80%)



- Red (69%)
- Yellow (74%)
- Blue (80%)



- Cyan (14%)
- Magenta (2%)
- Yellow (0%)
- Black (20%)



- Cyan (31%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.7821, 0.2911, 0.3239 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 54.7821, 0.2911, 0.3239 by changing the saturation by 10% instead.

■ 54.7821, 0.2911,
0.3239

■ 54.7821, 0.2911,
0.3239

405.0854, 0.3016,
0.3265

■ 39.2273, 0.2886,
0.3233

■ 97.2216, 0.2948,
0.3248

■ 26.9366, 0.2854,
0.3224

124.8751, 0.2962,
0.3252

■ 17.5256, 0.2813,
0.3213

157.3303, 0.2975,
0.3255

■ 10.6099, 0.2757,
0.3198

194.9716, 0.2985,
0.3257

■ 5.8052, 0.2677,
0.3174

238.1834, 0.2994,
0.3260

■ 2.7270, 0.2554,
0.3136

287.3500, 0.3002,

■ 0.9909, 0.2331,

0.3262

0.3066

342.8559, 0.3009,
0.3263

0.0000, 0.0000,
0.0000

54.7821, 0.2911,
0.3239

54.7821, 0.2911,
0.3239

51.3031, 0.2766,
0.3199

58.6464, 0.3062,
0.3276

48.1867, 0.2629,
0.3157

62.9044, 0.3217,
0.3309

45.4176, 0.2505,
0.3112

67.5724, 0.3371,
0.3339

42.9773, 0.2395,
0.3065

72.3571, 0.3512,
0.3366

40.8449, 0.2303,
0.3016

73.7752, 0.3507,
0.3394

■ 38.9973, 0.2229,
0.2968

■ 75.2182, 0.3501,
0.3423

■ 37.4078, 0.2175,
0.2919

■ 76.6860, 0.3496,
0.3451

■ 36.0437, 0.2138,
0.2870

■ 78.1789, 0.3490,
0.3479

■ 35.3242, 0.2123,
0.2842

■ 79.6969, 0.3485,
0.3507

Harmonies

Analogous

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



54.7821, 0.2978, 0.3348



54.7821, 0.2911, 0.3239



54.7821, 0.2901, 0.3146

Triad

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



54.7821, 0.2911, 0.3239



54.7821, 0.3167, 0.3144



54.7821, 0.3305, 0.3488

Complementary

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



54.7821, 0.2911, 0.3239



48.1836, 0.3381, 0.3340

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.



54.7821, 0.3358, 0.3429



54.7821, 0.2911, 0.3239



54.7821, 0.3278, 0.3231

Square

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



54.7821, 0.2911, 0.3239



54.7821, 0.3047, 0.3094



54.7821, 0.3348, 0.3335



54.7821, 0.3204, 0.3494

Rectangle

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



54.7821, 0.2911, 0.3239



54.7821, 0.2928, 0.3106



54.7821, 0.3348, 0.3335



54.7821, 0.3329, 0.3474

Sweetspot

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



54.7844, 0.2911, 0.3239



97.2190, 0.3065, 0.3276



55.5582, 0.3083, 0.3613



20.6995, 0.3053, 0.3274



0.0000, 0.0000, 0.0000



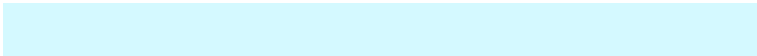
21.4041, 0.3127, 0.3290

Same Dimension

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



54.7844, 0.2911, 0.3239



88.9162, 0.2867, 0.3227



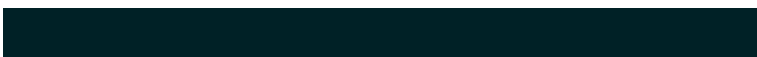
48.4424, 0.2905, 0.3055



12.4519, 0.2983, 0.3257



22.3311, 0.2125, 0.2849



1.2268, 0.2151, 0.2944

Inverse Universe

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



47.6718, 0.3176, 0.2989



75.0117, 0.3188, 0.2923



54.2432, 0.3356, 0.3514



11.3760, 0.3158, 0.3093



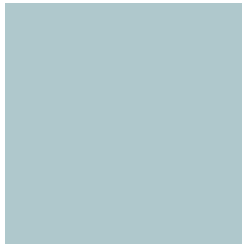
10.0573, 0.3589, 0.1751



0.5264, 0.3504, 0.1704

Previews

White Background



This preview shows how the Yxy color 54.7821, 0.2911, 0.3239 looks on a white background.

Color Contrast Check

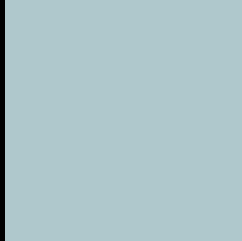
Large Text (above 18pt) WCAG AA × Fail

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 54.7821, 0.2911, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

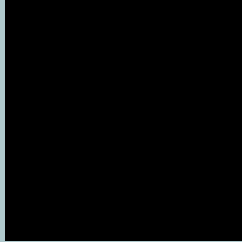
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

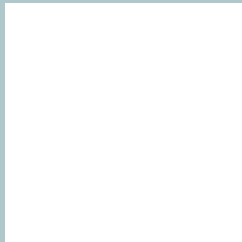
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.7821, 0.2911, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 54.7821, 0.2911, 0.3239.

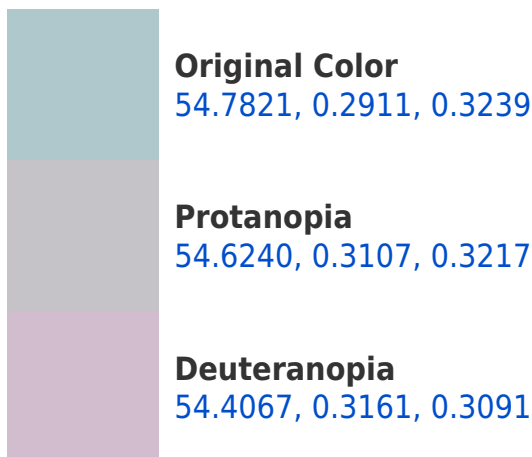


This preview shows how white text looks on a background with the Yxy color 54.7821, 0.2911, 0.3239.

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





Tritanopia

54.5903, 0.2858, 0.3092

Trichromacy



Original Color

54.7821, 0.2911, 0.3239

Protanomaly

54.5157, 0.3036, 0.3228

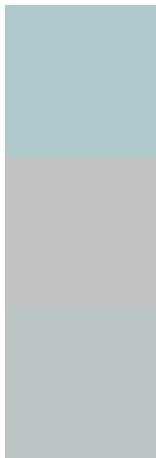
Deuteranomaly

54.4180, 0.3070, 0.3146

Tritanomaly

54.7301, 0.2878, 0.3153

Monochromacy



Original Color

54.7821, 0.2911, 0.3239

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.9502, 0.3041, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7821, 0.2911, 0.3239 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(175, 200, 204)` looks like.

```
.text, #text, p{  
    color:rgb(175, 200, 204)  
}
```

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(175, 200, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 200, 204) }
```

Border

The CSS property to change the border of an element to Yxy 54.7821, 0.2911, 0.3239 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(175, 200, 204) }
```

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

```
.border{ border-color:rgb(175, 200, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 200, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 200, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 200, 204);  
box-shadow:4px 4px 4px 4px rgb(175, 200,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7821, 0.2911, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 200, 204) }
```

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

```
.background{ background-color: rgb(175,  
200, 204) }
```

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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