

Converting Colors

$Yxy(54.7801, 0.2981, 0.3385)$

Have a look what the booklet for
Yxy(54.7801, 0.2981, 0.3385)
contains.

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Color

Yxy(54.7823, 0.2979, 0.3378)

Conversions

Conversions Part 1

Format	Color
Hex	AFC9C2
RGB	175, 201, 194
RGB Percent	69%, 79%, 76%
CMY	0.3136, 0.2118, 0.2391
CMYK	0.13, 0.00, 0.03, 0.21
HSL	164°, 19%, 74%
HSV	164°, 13%, 79%
XYZ	48.3116, 54.7823, 59.0799
YIQ	192.4280, -13.2490, -7.6890

Conversions

Conversions Part 2

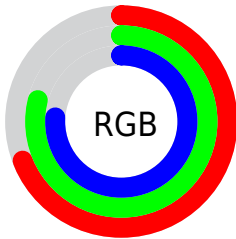
Format	Color
RYB	175, 190, 201
Decimal	11520450
CIELab	78.92, -10.09, 0.52
CIElCh	79, 10.101, 177.039
Yxy	54.7823, 0.2979, 0.3378
Android (android.graphics.Color)	4289710530 (0xFFAFC9C2)
YUV	192.4280, 0.7750, -15.2844
Hunter-Lab	74.0151, -13.0148, 4.4844

Details

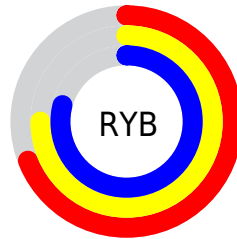
The Yxy color **54.7823, 0.2979, 0.3378** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.4691, 0.3300, 0.3204**, and the grayscale version is **52.9821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4111, 0.3009, 0.3339**, and **26.8985, 0.2941, 0.3410** is the 20% darker color. If you saturate the color by 10%, you get **52.3906, 0.2870, 0.3454**, and if you desaturate by 10%, it is **57.5336, 0.3093, 0.3309**.

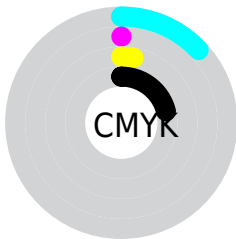
Distribution



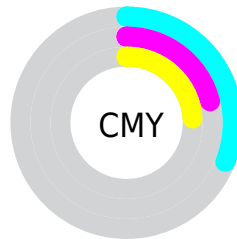
- Red (69%)
- Green (79%)
- Blue (76%)



- Red (69%)
- Yellow (75%)
- Blue (79%)



- Cyan (13%)
- Magenta (0%)
- Yellow (3%)
- Black (21%)



- Cyan (31%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7823, 0.2979, 0.3378 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 54.7823, 0.2979, 0.3378 by changing the saturation by 10% instead.

 54.7823, 0.2979,
0.3378

 54.7823, 0.2979,
0.3378


405.0862, 0.3051,
0.3335

 39.2275, 0.2962,
0.3388


 97.2219, 0.3005,
0.3363

 26.9367, 0.2939,
0.3402


124.8755, 0.3015,
0.3357

 17.5257, 0.2911,
0.3419


157.3307, 0.3023,
0.3352

 10.6100, 0.2871,
0.3442

194.9721, 0.3030,
0.3348

 5.8052, 0.2814,
0.3476

238.1839, 0.3036,
0.3344

 2.7270, 0.2725,
0.3530

287.3506, 0.3042,

 0.9909, 0.2541,

0.3341

0.3639

342.8565, 0.3047,
0.3338

0.0000, 0.0000,
0.0000

54.7823, 0.2979,
0.3378

54.7823, 0.2979,
0.3378

52.3906, 0.2870,
0.3454

57.5336, 0.3093,
0.3309

50.3362, 0.2770,
0.3537

60.6520, 0.3210,
0.3247

48.6050, 0.2681,
0.3625

64.1534, 0.3329,
0.3191

47.1792, 0.2606,
0.3719

67.9679, 0.3442,
0.3142

46.0390, 0.2548,
0.3817

68.2510, 0.3401,
0.3088

■ 45.1626, 0.2508,
0.3917

■ 68.5434, 0.3360,
0.3034

■ 44.5247, 0.2489,
0.4018

■ 68.8451, 0.3319,
0.2981

■ 44.0949, 0.2489,
0.4119

■ 69.1562, 0.3279,
0.2929

■ 43.8774, 0.2497,
0.4189

■ 69.4768, 0.3240,
0.2877

Harmonies

Analogous

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



54.7823, 0.3104, 0.3478



54.7823, 0.2979, 0.3378



54.7823, 0.2894, 0.3255

Triad

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



54.7823, 0.2979, 0.3378



54.7823, 0.3014, 0.3066



54.7823, 0.3391, 0.3428

Complementary

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



54.7823, 0.2979, 0.3378



46.4691, 0.3300, 0.3204

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.



54.7823, 0.3366, 0.3318



54.7823, 0.2979, 0.3378



54.7823, 0.3146, 0.3112

Square

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



54.7823, 0.2979, 0.3378



54.7823, 0.2914, 0.3077



54.7823, 0.3275, 0.3203



54.7823, 0.3343, 0.3504

Rectangle

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



54.7823, 0.2979, 0.3378



54.7823, 0.2871, 0.3178



54.7823, 0.3275, 0.3203



54.7823, 0.3391, 0.3393

Sweetspot

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



54.7846, 0.2979, 0.3378



97.9414, 0.3080, 0.3316



54.8596, 0.3169, 0.3621



20.8831, 0.3071, 0.3322



0.0000, 0.0000, 0.0000



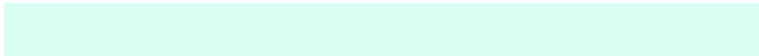
21.4041, 0.3127, 0.3290

Same Dimension

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



54.7846, 0.2979, 0.3378



92.8095, 0.2953, 0.3395



52.5312, 0.2930, 0.3218



12.0171, 0.3019, 0.3353



27.6065, 0.2493, 0.4175



1.3188, 0.2435, 0.3967

Inverse Universe

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



46.4691, 0.3300, 0.3204



76.3041, 0.3336, 0.3188



48.4236, 0.3351, 0.3361



10.6829, 0.3248, 0.3228



7.9882, 0.5848, 0.2995



0.3907, 0.5234, 0.2657

Previews

White Background



This preview shows how the Yxy color 54.7823, 0.2979, 0.3378 looks on a white background.

Color Contrast Check

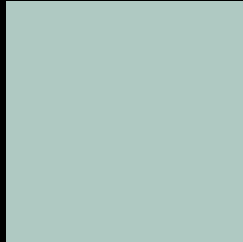
Large Text (above 18pt) WCAG AA × Fail

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 54.7823, 0.2979, 0.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

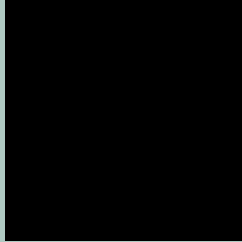
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

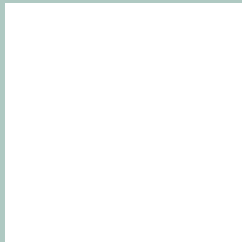
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.7823, 0.2979, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 54.7823, 0.2979, 0.3378.

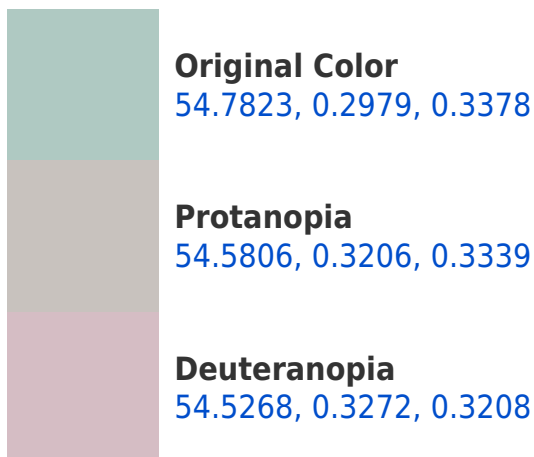


This preview shows how white text looks on a background with the Yxy color 54.7823, 0.2979, 0.3378.

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

54.8269, 0.2873, 0.3093

Trichromacy



Original Color

54.7823, 0.2979, 0.3378

Protanomaly

54.7705, 0.3124, 0.3364

Deuteranomaly

54.2222, 0.3161, 0.3266

Tritanomaly

54.8168, 0.2912, 0.3190

Monochromacy



Original Color

54.7823, 0.2979, 0.3378

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.3196, 0.3071, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7823, 0.2979, 0.3378 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, 201, 194)` looks like.

```
.text, #text, p{  
    color:rgb(175, 201, 194)  
}
```

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, 201, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 201, 194) }
```

Border

The CSS property to change the border of an element to Yxy 54.7823, 0.2979, 0.3378 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, 201, 194) }
```

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

```
.border{ border-color:rgb(175, 201, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 201, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 201, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 201, 194);  
box-shadow:4px 4px 4px 4px rgb(175, 201,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7823, 0.2979, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 201, 194) }
```

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

```
.background{ background-color: rgb(175,  
201, 194) }
```

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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