

Converting Colors

$Y_{xy}(54.3288, 0.2885, 0.3177)$

Have a look what the booklet for
Yxy(54.3288, 0.2885, 0.3177)
contains.

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Color

Yxy(54.5149, 0.2884, 0.3177)

Conversions

Conversions Part 1

Format	Color
Hex	AFC7D0
RGB	175, 199, 208
RGB Percent	69%, 78%, 82%
CMY	0.3137, 0.2196, 0.1843
CMYK	0.16, 0.04, 0.00, 0.18
HSL	196°, 26%, 75%
HSV	196°, 16%, 82%
XYZ	49.4872, 54.5149, 67.5902
YIQ	192.8500, -17.1930, -2.2890

Conversions

Conversions Part 2

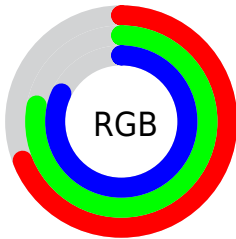
Format	Color
R_{YB}	175, 189, 208
Decimal	11519952
CIE _{Lab}	78.76, -6.21, -7.23
CIE _{LCh}	79, 9.530, 229.337
Yxy	54.5149, 0.2884, 0.3177
Android (android.graphics.Color)	4289710032 (0xFFAFC7D0)
YUV	192.8500, 7.4690, -15.6544
Hunter-Lab	73.8342, -9.5706, -2.5921

Details

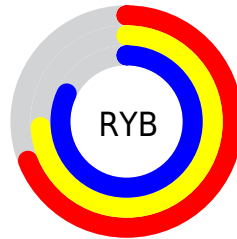
The Yxy color **54.5149, 0.2884, 0.3177** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.7847, 0.3407, 0.3400**, and the grayscale version is **53.1996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7289, 0.2982, 0.3290**, and **26.7215, 0.2816, 0.3137** is the 20% darker color. If you saturate the color by 10%, you get **49.7316, 0.2733, 0.3097**, and if you desaturate by 10%, it is **59.7707, 0.3037, 0.3250**.

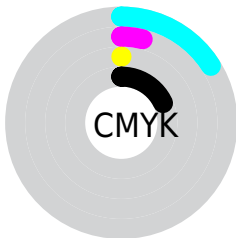
Distribution



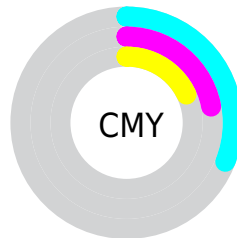
- Red (69%)
- Green (78%)
- Blue (82%)



- Red (69%)
- Yellow (74%)
- Blue (82%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)



- Cyan (31%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.5149, 0.2884, 0.3177 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 54.5149, 0.2884, 0.3177 by changing the saturation by 10% instead.

■ 54.5149, 0.2884,
0.3177

■ 54.5149, 0.2884,
0.3177

404.0704, 0.3002,
0.3233

■ 39.0135, 0.2856,
0.3163

■ 96.8298, 0.2926,
0.3197

■ 26.7702, 0.2820,
0.3146

124.4121, 0.2942,
0.3205

■ 17.4007, 0.2774,
0.3122

156.7902, 0.2955,
0.3211

■ 10.5206, 0.2711,
0.3090

194.3484, 0.2967,
0.3217

■ 5.7455, 0.2622,
0.3043

237.4711, 0.2977,
0.3222

■ 2.6909, 0.2484,
0.2968

286.5428, 0.2986,

■ 0.9726, 0.2242,

0.3226

0.2831

341.9477, 0.2994,
0.3230

0.0000, 0.0000,
0.0000

54.5149, 0.2884,
0.3177

54.5149, 0.2884,
0.3177

49.7316, 0.2733,
0.3097

59.7707, 0.3037,
0.3250

45.3960, 0.2588,
0.3010

65.5091, 0.3190,
0.3317

41.4912, 0.2452,
0.2918

71.7482, 0.3341,
0.3376

37.9962, 0.2328,
0.2820

77.8914, 0.3464,
0.3430

34.8879, 0.2220,
0.2720

80.9491, 0.3453,
0.3486

■ 32.1406, 0.2130,
0.2617

■ 84.1090, 0.3443,
0.3542

■ 29.7242, 0.2060,
0.2515

■ 87.3722, 0.3433,
0.3597

■ 27.6019, 0.2010,
0.2413

■ 90.7394, 0.3424,
0.3651

■ 26.7828, 0.1992,
0.2371

■ 94.2118, 0.3414,
0.3704

Harmonies

Analogous

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



54.5149, 0.2922, 0.3287



54.5149, 0.2884, 0.3177



54.5149, 0.2909, 0.3101

Triad

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



54.5149, 0.2884, 0.3177



54.5149, 0.3238, 0.3183



54.5149, 0.3261, 0.3512

Complementary

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



54.5149, 0.2884, 0.3177



50.7847, 0.3407, 0.3400

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.



54.5149, 0.3349, 0.3478



54.5149, 0.2884, 0.3177



54.5149, 0.3336, 0.3288

Square

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



54.5149, 0.2884, 0.3177



54.5149, 0.3112, 0.3106



54.5149, 0.3377, 0.3395



54.5149, 0.3139, 0.3484

Rectangle

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



54.5149, 0.2884, 0.3177



54.5149, 0.2959, 0.3078



54.5149, 0.3377, 0.3395



54.5149, 0.3296, 0.3507

Sweetspot

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



54.5172, 0.2884, 0.3177



95.4637, 0.3050, 0.3256



57.6795, 0.3048, 0.3597



20.3001, 0.3039, 0.3251



0.0000, 0.0000, 0.0000



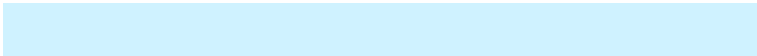
21.4041, 0.3127, 0.3290

Same Dimension

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



54.5172, 0.2884, 0.3177



83.8007, 0.2833, 0.3151



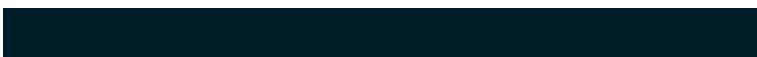
47.4107, 0.2875, 0.2968



12.8392, 0.2983, 0.3225



16.8599, 0.1996, 0.2386



1.0710, 0.2048, 0.2571

Inverse Universe

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



48.1931, 0.3219, 0.3003



72.0662, 0.3242, 0.2941



57.9542, 0.3377, 0.3593



11.9518, 0.3179, 0.3122



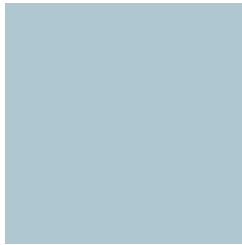
9.7733, 0.4038, 0.1998



0.5594, 0.3852, 0.1896

Previews

White Background



This preview shows how the Yxy color 54.5149, 0.2884, 0.3177 looks on a white background.

Color Contrast Check

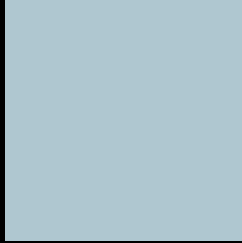
Large Text (above 18pt) WCAG AA × Fail

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 54.5149, 0.2884, 0.3177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

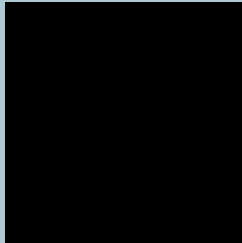
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

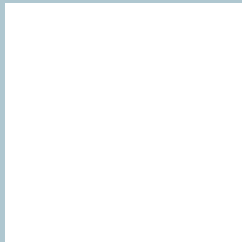
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.5149, 0.2884, 0.3177

Background



This preview shows how black text looks on a background with the Yxy color 54.5149, 0.2884, 0.3177.



This preview shows how white text looks on a background with the Yxy color 54.5149, 0.2884, 0.3177.

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

54.5149, 0.2884, 0.3177

Protanopia

54.1498, 0.3055, 0.3145

Deuteranopia

54.1701, 0.3106, 0.3044



Tritanopia

54.4733, 0.2851, 0.3092

Trichromacy



Original Color

54.5149, 0.2884, 0.3177

Protanomaly

54.1778, 0.2993, 0.3155

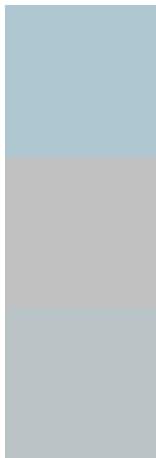
Deuteranomaly

54.3455, 0.3026, 0.3098

Tritanomaly

54.3717, 0.2864, 0.3116

Monochromacy



Original Color

54.5149, 0.2884, 0.3177

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.5465, 0.3034, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5149, 0.2884, 0.3177 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, 199, 208)` looks like.

```
.text, #text, p{  
    color:rgb(175, 199, 208)  
}
```

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, 199, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 199, 208) }
```

Border

The CSS property to change the border of an element to Yxy 54.5149, 0.2884, 0.3177 is called "border". The border property can be set on classes, ids or directly on the HTML element.

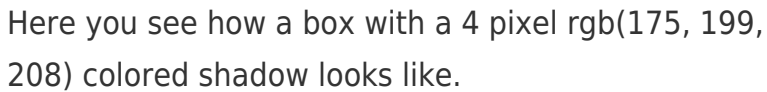
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 199, 208) }
```

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

```
.border{ border-color:rgb(175, 199, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 199, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 199, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 199, 208); box-shadow:4px 4px 4px 4px rgb(175, 199, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5149, 0.2884, 0.3177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 199, 208) }
```

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

```
.background{ background-color: rgb(175,  
199, 208) }
```

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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