

Converting Colors

$Yxy(55.0199, 0.2847, 0.3098)$

Have a look what the booklet for
Yxy(55.0199, 0.2847, 0.3098)
contains.

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Color

Yxy(54.9833, 0.2845, 0.3092)

Conversions

Conversions Part 1

Format	Color
Hex	B0C7D7
RGB	176, 199, 215
RGB Percent	69%, 78%, 84%
CMY	0.3099, 0.2196, 0.1568
CMYK	0.18, 0.07, 0.00, 0.16
HSL	205°, 33%, 77%
HSV	205°, 18%, 84%
XYZ	50.5910, 54.9833, 72.2500
YIQ	193.9470, -18.8440, 0.1000

Conversions

Conversions Part 2

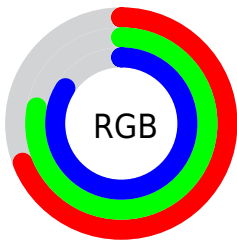
Format	Color
R _Y B	176, 190, 215
Decimal	11585495
CIE Lab	79.03, -4.41, -10.60
CIE LCh	79, 11.476, 247.414
Yxy	54.9833, 0.2845, 0.3092
Android (android.graphics.Color)	4289775575 (0xFFB0C7D7)
YUV	193.9470, 10.3791, -15.7395
Hunter-Lab	74.1507, -7.9780, -5.8647

Details

The Yxy color **54.9833, 0.2845, 0.3092** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.2772, 0.3445, 0.3480**, and the grayscale version is **53.8609, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **26.9998, 0.2774, 0.3040** is the 20% darker color. If you saturate the color by 10%, you get **48.7338, 0.2687, 0.2967**, and if you desaturate by 10%, it is **61.8694, 0.3002, 0.3206**.

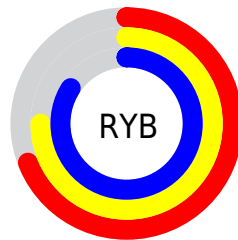
Distribution



Red (69%)

Green (78%)

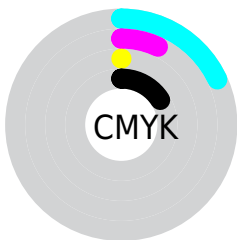
Blue (84%)



Red (69%)

Yellow (75%)

Blue (84%)

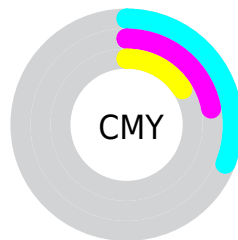


Cyan (18%)

Magenta (7%)

Yellow (0%)

Black (16%)



Cyan (31%)

Magenta (22%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9833, 0.2845, 0.3092 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 54.9833, 0.2845, 0.3092 by changing the saturation by 10% instead.

■ 54.9833, 0.2845,
0.3092

■ 54.9833, 0.2845,
0.3092

405.8486, 0.2981,
0.3189

■ 39.3884, 0.2812,
0.3068

■ 97.5165, 0.2893,
0.3127

■ 27.0620, 0.2772,
0.3039

125.2235, 0.2912,
0.3140

■ 17.6198, 0.2718,
0.2999

157.7367, 0.2928,
0.3151

■ 10.6774, 0.2647,
0.2946

195.4404, 0.2941,
0.3161

■ 5.8503, 0.2545,
0.2869

238.7191, 0.2953,
0.3169

■ 2.7543, 0.2390,
0.2749

287.9571, 0.2964,

■ 1.0048, 0.2127,

0.3177

0.2536

343.5388, 0.2973,
0.3183

0.0000, 0.0000,
0.0000

54.9833, 0.2845,
0.3092

54.9833, 0.2845,
0.3092

48.7338, 0.2687,
0.2967

61.8694, 0.3002,
0.3206

43.0916, 0.2532,
0.2831

69.4066, 0.3155,
0.3308

38.0347, 0.2382,
0.2685

77.6173, 0.3303,
0.3399

33.5370, 0.2243,
0.2532

85.1721, 0.3394,
0.3483

29.5697, 0.2119,
0.2373

90.3264, 0.3381,
0.3568

■ 26.1008, 0.2013,
0.2213

■ 95.7343, 0.3368,
0.3652

■ 23.0929, 0.1928,
0.2055

■ 97.6874, 0.3363,
0.3681

■ 20.4940, 0.1865,
0.1901

■ 20.0466, 0.1854,
0.1873

Harmonies

Analogous

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



54.9833, 0.2845, 0.3203



54.9833, 0.2845, 0.3092



54.9833, 0.2918, 0.3037

Triad

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



54.9833, 0.2845, 0.3092



54.9833, 0.3338, 0.3235



54.9833, 0.3202, 0.3546

Complementary

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



54.9833, 0.2845, 0.3092



55.2772, 0.3445, 0.3480

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.



54.9833, 0.3337, 0.3549



54.9833, 0.2845, 0.3092



54.9833, 0.3418, 0.3366

Square

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



54.9833, 0.2845, 0.3092



54.9833, 0.3201, 0.3120



54.9833, 0.3417, 0.3481



54.9833, 0.3049, 0.3470

Rectangle

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



54.9833, 0.2845, 0.3092



54.9833, 0.3000, 0.3037



54.9833, 0.3417, 0.3481



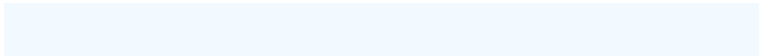
54.9833, 0.3251, 0.3556

Sweetspot

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



54.9856, 0.2845, 0.3092



94.3708, 0.3050, 0.3239



61.6267, 0.3002, 0.3581



20.0342, 0.3039, 0.3231



0.0000, 0.0000, 0.0000



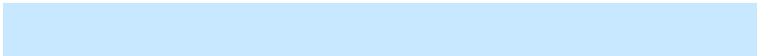
21.4041, 0.3127, 0.3290

Same Dimension

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



54.9856, 0.2845, 0.3092



77.0588, 0.2781, 0.3043



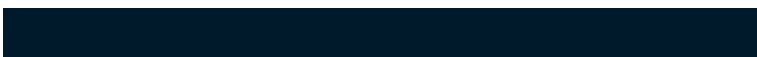
46.7281, 0.2832, 0.2848



13.2142, 0.2982, 0.3192



12.2010, 0.1860, 0.1896



0.8970, 0.1934, 0.2162

Inverse Universe

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



49.6148, 0.3279, 0.3021



67.8867, 0.3320, 0.2958



64.2305, 0.3406, 0.3697



12.5425, 0.3200, 0.3153



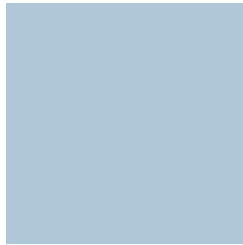
9.5765, 0.4572, 0.2292



0.5939, 0.4274, 0.2128

Previews

White Background



This preview shows how the Yxy color 54.9833, 0.2845, 0.3092 looks on a white background.

Color Contrast Check

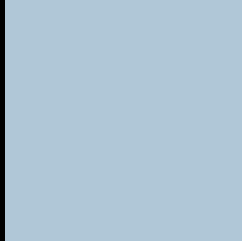
Large Text (above 18pt) WCAG AA × Fail

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 54.9833, 0.2845, 0.3092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

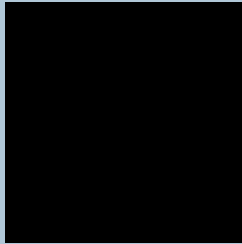
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

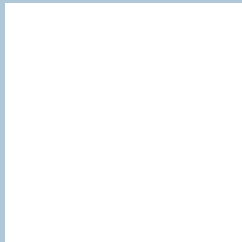
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.9833, 0.2845, 0.3092

Background



This preview shows how black text looks on a background with the Yxy color 54.9833, 0.2845, 0.3092.



This preview shows how white text looks on a background with the Yxy color 54.9833, 0.2845, 0.3092.

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

54.9833, 0.2845, 0.3092

Protanopia

54.8064, 0.2997, 0.3074

Deuteranopia

54.6740, 0.3039, 0.2975



Tritanopia

54.9833, 0.2845, 0.3092

Trichromacy



Original Color

54.9833, 0.2845, 0.3092

Protanomaly

54.8487, 0.2937, 0.3084

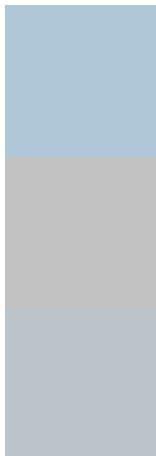
Deuteranomaly

54.5671, 0.2968, 0.3016

Tritanomaly

54.9833, 0.2845, 0.3092

Monochromacy



Original Color

54.9833, 0.2845, 0.3092

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.3089, 0.3014, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9833, 0.2845, 0.3092 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(176, 199, 215)` looks like.

```
.text, #text, p{  
    color:rgb(176, 199, 215)  
}
```

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(176, 199, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 199, 215) }
```

Border

The CSS property to change the border of an element to Yxy 54.9833, 0.2845, 0.3092 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(176, 199, 215) }
```

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

```
.border{ border-color:rgb(176, 199, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 199, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 199, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 199, 215); box-shadow:4px 4px 4px 4px rgb(176, 199, 215) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9833, 0.2845, 0.3092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 199, 215) }
```

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

```
.background{ background-color: rgb(176,  
199, 215) }
```

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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