

Converting Colors

Yxy(54.8406, 0.2833, 0.2998)

Have a look what the booklet for
Yxy(54.8406, 0.2833, 0.2998)
contains.

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Color

Yxy(54.8563, 0.2833, 0.2998)

Conversions

Conversions Part 1

Format	Color
Hex	B4C5DD
RGB	180, 197, 221
RGB Percent	71%, 77%, 87%
CMY	0.2942, 0.2274, 0.1332
CMYK	0.19, 0.11, 0.00, 0.13
HSL	215°, 38%, 79%
HSV	215°, 19%, 87%
XYZ	51.8372, 54.8563, 76.2828
YIQ	194.6530, -17.8360, 3.8600

Conversions

Conversions Part 2

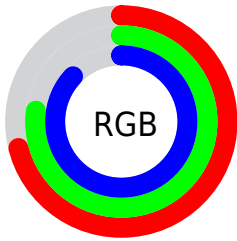
Format	Color
R _Y B	180, 192, 221
Decimal	11847133
CIE Lab	78.96, -0.79, -13.91
CIE LCh	79, 13.932, 266.741
Yxy	54.8563, 0.2833, 0.2998
Android (android.graphics.Color)	4290037213 (0xFFB4C5DD)
YUV	194.6530, 12.9891, -12.8507
Hunter-Lab	74.0650, -4.6839, -9.2198

Details

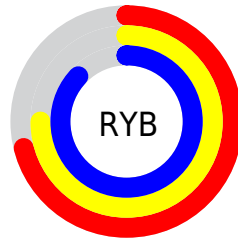
The Yxy color **54.8563, 0.2833, 0.2998** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.8518, 0.3439, 0.3566**, and the grayscale version is **54.2845, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9365, 0.3011, 0.3280**, and **26.9101, 0.2758, 0.2916** is the 20% darker color. If you saturate the color by 10%, you get **46.7916, 0.2665, 0.2815**, and if you desaturate by 10%, it is **63.8522, 0.2995, 0.3163**.

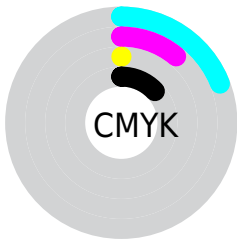
Distribution



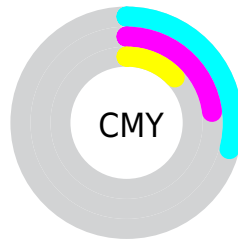
- Red (71%)
- Green (77%)
- Blue (87%)



- Red (71%)
- Yellow (75%)
- Blue (87%)



- Cyan (19%)
- Magenta (11%)
- Yellow (0%)
- Black (13%)



- Cyan (29%)
- Magenta (23%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8563, 0.2833, 0.2998 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 54.8563, 0.2833, 0.2998 by changing the saturation by 10% instead.

■ 54.8563, 0.2833,
0.2998

■ 54.8563, 0.2833,
0.2998

405.3670, 0.2975,
0.3139

■ 39.2867, 0.2799,
0.2964

■ 97.3304, 0.2884,
0.3048

■ 26.9828, 0.2756,
0.2921

125.0036, 0.2903,
0.3068

■ 17.5603, 0.2701,
0.2866

157.4802, 0.2919,
0.3084

■ 10.6348, 0.2626,
0.2791

195.1445, 0.2933,
0.3098

■ 5.8218, 0.2520,
0.2684

238.3810, 0.2946,
0.3110

■ 2.7370, 0.2359,
0.2522

287.5739, 0.2957,

■ 0.9960, 0.2088,

0.3121

0.2246

343.1078, 0.2966,
0.3131

■ 0.0000, 0.0000,
0.0000

■ 54.8563, 0.2833,
0.2998

■ 54.8563, 0.2833,
0.2998

■ 46.7916, 0.2665,
0.2815

■ 63.8522, 0.2995,
0.3163

■ 39.6187, 0.2493,
0.2616

■ 73.8033, 0.3148,
0.3310

■ 33.3052, 0.2323,
0.2402

■ 84.7412, 0.3292,
0.3440

■ 27.8138, 0.2160,
0.2177

■ 94.0669, 0.3335,
0.3562

■ 23.1039, 0.2011,
0.1948

■ 98.0021, 0.3327,
0.3621

■ 19.1306, 0.1881,
0.1723

■ 15.8429, 0.1778,
0.1509

■ 13.1711, 0.1701,
0.1313

■ 12.8292, 0.1691,
0.1287

Harmonies

Analogous

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



54.8563, 0.2775, 0.3090



54.8563, 0.2833, 0.2998



54.8563, 0.2969, 0.2984

Triad

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



54.8563, 0.2833, 0.2998



54.8563, 0.3456, 0.3324



54.8563, 0.3096, 0.3552

Complementary

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



54.8563, 0.2833, 0.2998



61.8518, 0.3439, 0.3566

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.



54.8563, 0.3280, 0.3615



54.8563, 0.2833, 0.2998



54.8563, 0.3492, 0.3476

Square

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



54.8563, 0.2833, 0.2998



54.8563, 0.3330, 0.3169



54.8563, 0.3426, 0.3584



54.8563, 0.2924, 0.3413

Rectangle

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



54.8563, 0.2833, 0.2998



54.8563, 0.3087, 0.3018



54.8563, 0.3426, 0.3584



54.8563, 0.3159, 0.3583

Sweetspot

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



54.8586, 0.2833, 0.2998



91.6345, 0.3035, 0.3202



65.7842, 0.2953, 0.3495



19.4250, 0.3024, 0.3192



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.



54.8586, 0.2833, 0.2998



71.6875, 0.2773, 0.2934



47.9676, 0.2847, 0.2788



13.5005, 0.2982, 0.3150



7.6623, 0.1699, 0.1315



0.6639, 0.1788, 0.1638

Inverse Universe

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



52.0387, 0.3343, 0.3094



67.3445, 0.3395, 0.3054



69.8678, 0.3380, 0.3754



13.1407, 0.3227, 0.3193



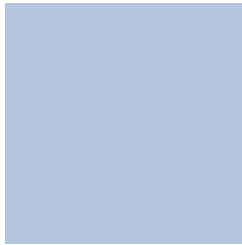
9.3973, 0.5306, 0.2696



0.6257, 0.4883, 0.2464

Previews

White Background



This preview shows how the Yxy color 54.8563, 0.2833, 0.2998 looks on a white background.

Color Contrast Check

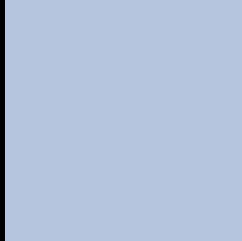
Large Text (above 18pt) WCAG AA × Fail

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 54.8563, 0.2833, 0.2998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

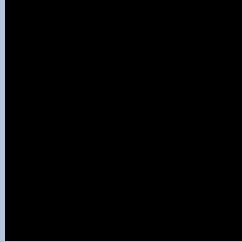
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

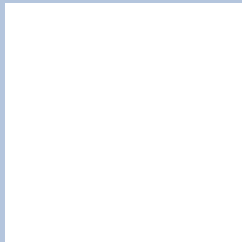
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.8563, 0.2833, 0.2998

Background



This preview shows how black text looks on a background with the Yxy color 54.8563, 0.2833, 0.2998.



This preview shows how white text looks on a background with the Yxy color 54.8563, 0.2833, 0.2998.

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

54.8563, 0.2833, 0.2998

Protanopia

54.9045, 0.2933, 0.2992

Deuteranopia

54.5183, 0.2979, 0.2917



Tritanopia

54.8269, 0.2873, 0.3093

Trichromacy



Original Color

54.8563, 0.2833, 0.2998

Protanomaly

54.8889, 0.2897, 0.2990

Deuteranomaly

54.7513, 0.2919, 0.2947

Tritanomaly

54.9816, 0.2853, 0.3057

Monochromacy



Original Color

54.8563, 0.2833, 0.2998

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.7866, 0.3022, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8563, 0.2833, 0.2998 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(180, 197, 221)` looks like.

```
.text, #text, p{  
    color:rgb(180, 197, 221)  
}
```

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(180, 197, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 197, 221) }
```

Border

The CSS property to change the border of an element to Yxy 54.8563, 0.2833, 0.2998 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(180, 197, 221) }
```

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

```
.border{ border-color:rgb(180, 197, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 197, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 197, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 197, 221);  
box-shadow:4px 4px 4px 4px rgb(180, 197,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8563, 0.2833, 0.2998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 197, 221) }
```

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

```
.background{ background-color: rgb(180,  
197, 221) }
```

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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