

Converting Colors

Yxy(57.0514, 0.2855, 0.2941)

Have a look what the booklet for
Yxy(57.0514, 0.2855, 0.2941)
contains.

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Color

Yxy(56.8084, 0.2853, 0.2937)

Conversions

Conversions Part 1

Format	Color
Hex	BDC6E4
RGB	189, 198, 228
RGB Percent	74%, 78%, 89%
CMY	0.2587, 0.2235, 0.1060
CMYK	0.17, 0.13, 0.00, 0.11
HSL	226°, 42%, 82%
HSV	226°, 17%, 89%
XYZ	55.1836, 56.8084, 81.4312
YIQ	198.7290, -14.9940, 7.4220

Conversions

Conversions Part 2

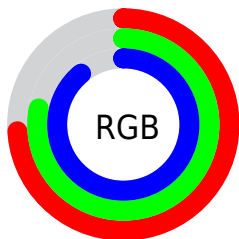
Format	Color
RYB	189, 196, 228
Decimal	12437220
CIELab	80.07, 3.02, -15.90
CIElCh	80, 16.183, 280.746
Yxy	56.8084, 0.2853, 0.2937
Android (android.graphics.Color)	4290627300 (0xFFBDC6E4)
YUV	198.7290, 14.4306, -8.5323
Hunter-Lab	75.3713, -1.2099, -11.2970

Details

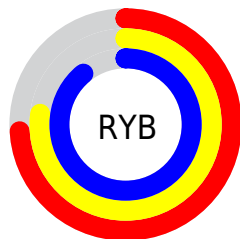
The Yxy color **56.8084, 0.2853, 0.2937** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **70.8193, 0.3399, 0.3620**, and the grayscale version is **56.8584, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3328, 0.3072, 0.3290**, and **28.1145, 0.2775, 0.2836** is the 20% darker color. If you saturate the color by 10%, you get **46.5610, 0.2675, 0.2696**, and if you desaturate by 10%, it is **68.4472, 0.3019, 0.3153**.

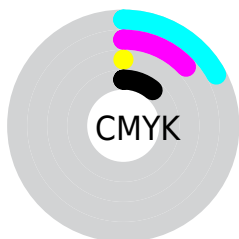
Distribution



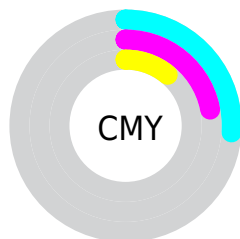
- Red (74%)
- Green (78%)
- Blue (89%)



- Red (74%)
- Yellow (77%)
- Blue (89%)



- Cyan (17%)
- Magenta (13%)
- Yellow (0%)
- Black (11%)



- Cyan (26%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.8084, 0.2853, 0.2937 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 56.8084, 0.2853, 0.2937 by changing the saturation by 10% instead.

■ 56.8084, 0.2853,
0.2937

■ 56.8084, 0.2853,
0.2937

412.7310, 0.2985,
0.3105

■ 40.8514, 0.2822,
0.2897

■ 100.1856, 0.2900,
0.2996

■ 28.2030, 0.2782,
0.2848

128.3746, 0.2918,
0.3019

■ 18.4788, 0.2731,
0.2784

161.4097, 0.2933,
0.3039

■ 11.2942, 0.2662,
0.2698

199.6753, 0.2946,
0.3056

■ 6.2651, 0.2565,
0.2580

243.5559, 0.2958,
0.3071

■ 3.0069, 0.2419,
0.2402

293.4357, 0.2968,

■ 1.1354, 0.2176,

0.3084

0.2114

349.6993, 0.2977,
0.3095

0.0079, 0.0667,
0.0065

0.0000, 0.0000,
0.0000

56.8084, 0.2853,
0.2937

56.8084, 0.2853,
0.2937

46.5610, 0.2675,
0.2696

68.4472, 0.3019,
0.3153

37.6452, 0.2487,
0.2433

81.5203, 0.3170,
0.3343

30.0068, 0.2295,
0.2151

95.6173, 0.3291,
0.3511

23.5854, 0.2107,
0.1860

98.3797, 0.3286,
0.3552

■ 18.3152, 0.1932,
0.1571

■ 14.1241, 0.1780,
0.1301

■ 10.9306, 0.1662,
0.1066

■ 8.6374, 0.1583,
0.0877

■ 8.1074, 0.1564,
0.0832

Harmonies

Analogous

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



56.8084, 0.2743, 0.3000



56.8084, 0.2853, 0.2937



56.8084, 0.3038, 0.2964

Triad

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



56.8084, 0.2853, 0.2937



56.8084, 0.3540, 0.3412



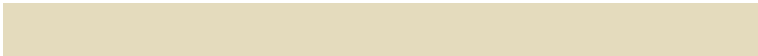
56.8084, 0.2994, 0.3526

Complementary

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



56.8084, 0.2853, 0.2937



70.8193, 0.3399, 0.3620

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.



56.8084, 0.3205, 0.3644



56.8084, 0.2853, 0.2937



56.8084, 0.3525, 0.3569

Square

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



56.8084, 0.2853, 0.2937



56.8084, 0.3439, 0.3231



56.8084, 0.3401, 0.3657



56.8084, 0.2822, 0.3339

Rectangle

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



56.8084, 0.2853, 0.2937



56.8084, 0.3182, 0.3027



56.8084, 0.3401, 0.3657



56.8084, 0.3063, 0.3576

Sweetspot

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



56.8107, 0.2853, 0.2937



91.5617, 0.3051, 0.3194



71.3988, 0.2923, 0.3394



19.3523, 0.3040, 0.3180



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.



56.8107, 0.2853, 0.2937



67.6920, 0.2782, 0.2843



54.2016, 0.2925, 0.2838



14.4238, 0.2980, 0.3104



4.8319, 0.1571, 0.0854



0.4962, 0.1646, 0.1125

Inverse Universe

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



56.9703, 0.3381, 0.3190



68.0882, 0.3456, 0.3165



73.9853, 0.3308, 0.3724



14.4222, 0.3256, 0.3236



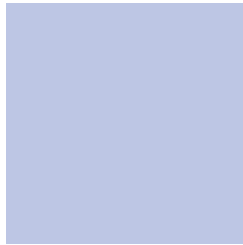
9.6855, 0.5983, 0.3070



0.7298, 0.5574, 0.2844

Previews

White Background



This preview shows how the Yxy color 56.8084, 0.2853, 0.2937 looks on a white background.

Color Contrast Check

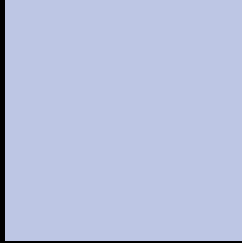
Large Text (above 18pt) WCAG AA × Fail

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 56.8084, 0.2853, 0.2937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

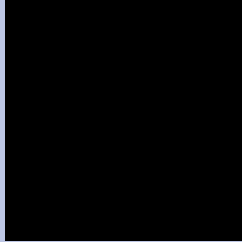
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.8084, 0.2853, 0.2937

Background



This preview shows how black text looks on a background with the Yxy color 56.8084, 0.2853, 0.2937.



This preview shows how white text looks on a background with the Yxy color 56.8084, 0.2853, 0.2937.

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

56.8084, 0.2853, 0.2937

Protanopia

56.8160, 0.2887, 0.2939

Deuteranopia

56.4936, 0.2946, 0.2878



Tritanopia

56.8312, 0.2918, 0.3097

Trichromacy



Original Color

56.8084, 0.2853, 0.2937

Protanomaly

56.6850, 0.2880, 0.2938

Deuteranomaly

56.6931, 0.2910, 0.2897

Tritanomaly

56.7055, 0.2898, 0.3039

Monochromacy



Original Color

56.8084, 0.2853, 0.2937

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.1021, 0.3018, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8084, 0.2853, 0.2937 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(189, 198, 228)` looks like.

```
.text, #text, p{  
    color:rgb(189, 198, 228)  
}
```

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(189, 198, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 198, 228) }
```

Border

The CSS property to change the border of an element to Yxy 56.8084, 0.2853, 0.2937 is called "border". The border property can be set on classes, ids or directly on the HTML element.

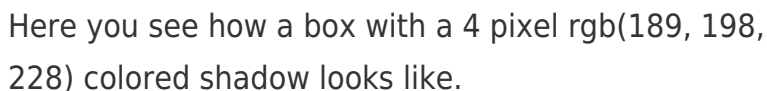
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 198, 228) }
```

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

```
.border{ border-color:rgb(189, 198, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 198, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 198, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 198, 228); box-shadow:4px 4px 4px 4px rgb(189, 198, 228) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8084, 0.2853, 0.2937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 198, 228) }
```

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

```
.background{ background-color: rgb(189,  
198, 228) }
```

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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