

Converting Colors

Yxy(56.9999, 0.2861, 0.3135)

Have a look what the booklet for
Yxy(56.9999, 0.2861, 0.3135)
contains.

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Color

Yxy(57.0831, 0.2862, 0.3143)

Conversions

Conversions Part 1

Format	Color
Hex	B2CBD7
RGB	178, 203, 215
RGB Percent	70%, 80%, 84%
CMY	0.3020, 0.2039, 0.1569
CMYK	0.17, 0.06, 0.00, 0.16
HSL	199°, 32%, 77%
HSV	199°, 17%, 84%
XYZ	51.9796, 57.0831, 72.5571
YIQ	196.8930, -18.7520, -1.5680

Conversions

Conversions Part 2

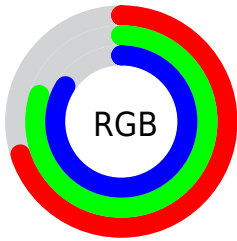
Format	Color
R_{YB}	178, 193, 215
Decimal	11717591
CIE _{Lab}	80.23, -5.88, -8.78
CIE _{LCh}	80, 10.572, 236.185
Yxy	57.0831, 0.2862, 0.3143
Android (android.graphics.Color)	4289907671 (0xFFB2CBD7)
YUV	196.8930, 8.9268, -16.5692
Hunter-Lab	75.5534, -9.4130, -4.0514

Details

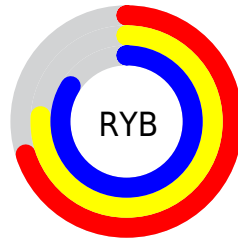
The Yxy color **57.0831, 0.2862, 0.3143** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.4762, 0.3432, 0.3433**, and the grayscale version is **55.7211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2324, 0.2999, 0.3290**, and **28.3929, 0.2797, 0.3109** is the 20% darker color. If you saturate the color by 10%, you get **51.5233, 0.2709, 0.3046**, and if you desaturate by 10%, it is **63.1938, 0.3017, 0.3232**.

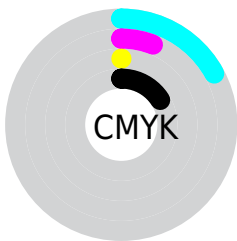
Distribution



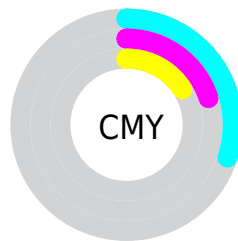
- Red (70%)
- Green (80%)
- Blue (84%)



- Red (70%)
- Yellow (76%)
- Blue (84%)



- Cyan (17%)
- Magenta (6%)
- Yellow (0%)
- Black (16%)



- Cyan (30%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.0831, 0.2862, 0.3143 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 57.0831, 0.2862, 0.3143 by changing the saturation by 10% instead.

■ 57.0831, 0.2862,
0.3143

■ 57.0831, 0.2862,
0.3143

■ 413.7606, 0.2989,
0.3215

■ 41.0720, 0.2832,
0.3126

■ 100.5864, 0.2907,
0.3169

■ 28.3753, 0.2794,
0.3103

■ 128.8474, 0.2924,
0.3179

■ 18.6088, 0.2745,
0.3074

■ 161.9605, 0.2939,
0.3187

■ 11.3879, 0.2679,
0.3035

■ 200.3100, 0.2952,
0.3194

■ 6.3284, 0.2587,
0.2977

■ 244.2804, 0.2963,
0.3200

■ 3.0458, 0.2446,
0.2888

■ 294.2560, 0.2973,

■ 1.1557, 0.2210,

0.3206

0.2729

350.6213, 0.2981,
0.3211

0.0251, 0.0000,
0.0376

0.0000, 0.0000,
0.0000

57.0831, 0.2862,
0.3143

57.0831, 0.2862,
0.3143

51.5233, 0.2709,
0.3046

63.1938, 0.3017,
0.3232

46.4870, 0.2560,
0.2941

69.8675, 0.3170,
0.3311

41.9546, 0.2420,
0.2828

77.1248, 0.3320,
0.3383

37.9022, 0.2291,
0.2710

83.2369, 0.3400,
0.3450

■ 34.3037, 0.2178,
0.2588

■ 87.2091, 0.3389,
0.3518

■ 31.1296, 0.2083,
0.2464

■ 91.3380, 0.3379,
0.3585

■ 28.3459, 0.2008,
0.2340

■ 95.6254, 0.3368,
0.3651

■ 25.9074, 0.1954,
0.2218

■ 97.6855, 0.3364,
0.3681

■ 25.2666, 0.1940,
0.2184

Harmonies

Analogous

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



57.0831, 0.2888, 0.3257



57.0831, 0.2862, 0.3143



57.0831, 0.2905, 0.3072

Triad

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



57.0831, 0.2862, 0.3143



57.0831, 0.3277, 0.3197



57.0831, 0.3245, 0.3532

Complementary

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



57.0831, 0.2862, 0.3143



54.4762, 0.3432, 0.3433

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.



57.0831, 0.3353, 0.3510



57.0831, 0.2862, 0.3143



57.0831, 0.3372, 0.3315

Square

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



57.0831, 0.2862, 0.3143



57.0831, 0.3142, 0.3105



57.0831, 0.3400, 0.3429



57.0831, 0.3107, 0.3486

Rectangle

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



57.0831, 0.2862, 0.3143



57.0831, 0.2967, 0.3056



57.0831, 0.3400, 0.3429



57.0831, 0.3286, 0.3532

Sweetspot

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



57.0855, 0.2862, 0.3143



95.0552, 0.3050, 0.3250



61.7630, 0.3029, 0.3603



20.2007, 0.3039, 0.3244



0.0000, 0.0000, 0.0000



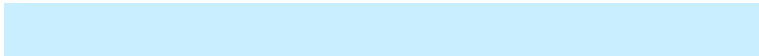
21.4041, 0.3127, 0.3290

Same Dimension

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



57.0855, 0.2862, 0.3143



80.6498, 0.2800, 0.3105



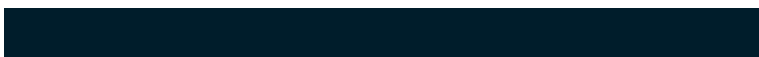
48.9765, 0.2851, 0.2913



13.3982, 0.2982, 0.3213



15.3147, 0.1945, 0.2202



1.0710, 0.2004, 0.2412

Inverse Universe

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



50.5975, 0.3244, 0.2999



69.3963, 0.3276, 0.2929



62.8703, 0.3397, 0.3641



12.5611, 0.3187, 0.3134



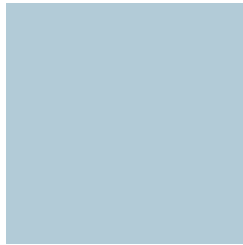
9.8909, 0.4230, 0.2104



0.6114, 0.4010, 0.1983

Previews

White Background



This preview shows how the Yxy color 57.0831, 0.2862, 0.3143 looks on a white background.

Color Contrast Check

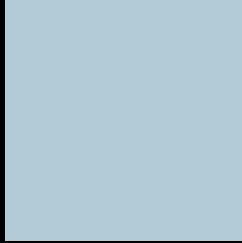
Large Text (above 18pt) WCAG AA × Fail

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 57.0831, 0.2862, 0.3143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

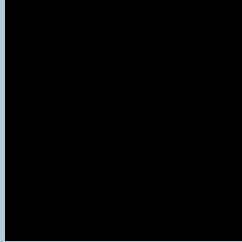
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

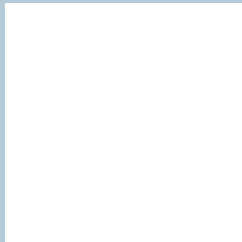
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.0831, 0.2862, 0.3143

Background



This preview shows how black text looks on a background with the Yxy color 57.0831, 0.2862, 0.3143.



This preview shows how white text looks on a background with the Yxy color 57.0831, 0.2862, 0.3143.

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

57.0831, 0.2862, 0.3143

Protanopia

56.6917, 0.3027, 0.3112

Deuteranopia

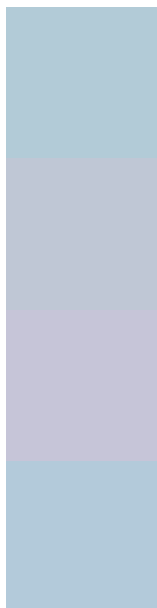
56.8513, 0.3085, 0.3015



Tritanopia

56.9392, 0.2843, 0.3083

Trichromacy



Original Color

57.0831, 0.2862, 0.3143

Protanomaly

56.7273, 0.2967, 0.3122

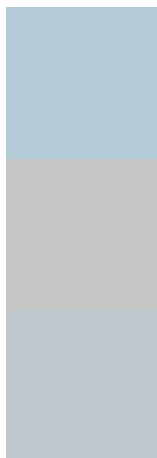
Deuteranomaly

56.8961, 0.2999, 0.3066

Tritanomaly

56.8867, 0.2849, 0.3095

Monochromacy



Original Color

57.0831, 0.2862, 0.3143

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.1536, 0.3022, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0831, 0.2862, 0.3143 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(178, 203, 215)` looks like.

```
.text, #text, p{  
    color:rgb(178, 203, 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(178, 203, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 203, 215) }
```

Border

The CSS property to change the border of an element to Yxy 57.0831, 0.2862, 0.3143 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(178, 203, 215) }
```

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

```
.border{ border-color:rgb(178, 203, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 203, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 203, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 203, 215);  
box-shadow:4px 4px 4px 4px rgb(178, 203,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0831, 0.2862, 0.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 203, 215) }
```

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

```
.background{ background-color: rgb(178,  
203, 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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