

Converting Colors

Yxy(58.0154, 0.2892, 0.3068)

Have a look what the booklet for
Yxy(58.0154, 0.2892, 0.3068)
contains.

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Color

Yxy(58.0263, 0.2886, 0.3063)

Conversions

Conversions Part 1

Format	Color
Hex	BBCADD
RGB	187, 202, 221
RGB Percent	73%, 79%, 87%
CMY	0.2665, 0.2079, 0.1332
CMYK	0.15, 0.09, 0.00, 0.13
HSL	214°, 33%, 80%
HSV	214°, 15%, 87%
XYZ	54.6732, 58.0263, 76.7432
YIQ	199.6810, -15.0390, 2.7290

Conversions

Conversions Part 2

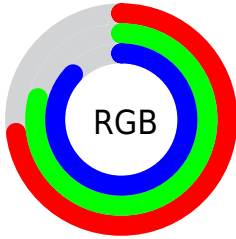
Format	Color
RYB	187, 197, 221
Decimal	12307165
CIELab	80.75, -1.21, -11.17
CIELCh	81, 11.237, 263.813
Yxy	58.0263, 0.2886, 0.3063
Android (android.graphics.Color)	4290497245 (0xFFBBCADD)
YUV	199.6810, 10.5103, -11.1212
Hunter-Lab	76.1750, -5.1912, -6.4098

Details

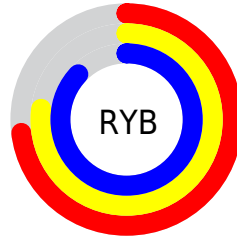
The Yxy color **58.0263, 0.2886, 0.3063** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.1392, 0.3382, 0.3507**, and the grayscale version is **57.4984, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **29.0013, 0.2828, 0.3004** is the 20% darker color. If you saturate the color by 10%, you get **49.8756, 0.2721, 0.2894**, and if you desaturate by 10%, it is **67.0765, 0.3045, 0.3215**.

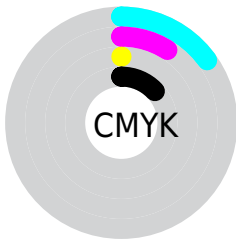
Distribution



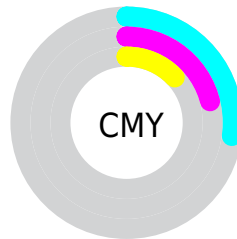
- Red (73%)
- Green (79%)
- Blue (87%)



- Red (73%)
- Yellow (77%)
- Blue (87%)



- Cyan (15%)
- Magenta (9%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (21%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.0263, 0.2886, 0.3063 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 58.0263, 0.2886, 0.3063 by changing the saturation by 10% instead.

■ 58.0263, 0.2886,
0.3063

■ 58.0263, 0.2886,
0.3063

417.2839, 0.3002,
0.3172

■ 41.8298, 0.2859,
0.3037

■ 101.9612, 0.2927,
0.3102

■ 28.9680, 0.2824,
0.3004

130.4683, 0.2943,
0.3117

■ 19.0566, 0.2780,
0.2962

163.8478, 0.2956,
0.3129

■ 11.7112, 0.2720,
0.2905

202.4840, 0.2968,
0.3140

■ 6.5474, 0.2636,
0.2824

246.7613, 0.2978,
0.3150

■ 3.1807, 0.2510,
0.2702

297.0641, 0.2987,

■ 1.2268, 0.2298,

0.3158

0.2495

353.7769, 0.2994,
0.3166

0.0834, 0.0495,
0.0830

0.0000, 0.0000,
0.0000

58.0263, 0.2886,
0.3063

58.0263, 0.2886,
0.3063

49.8756, 0.2721,
0.2894

67.0765, 0.3045,
0.3215

42.5869, 0.2552,
0.2708

77.0478, 0.3196,
0.3351

36.1302, 0.2383,
0.2508

87.9701, 0.3337,
0.3470

30.4708, 0.2221,
0.2296

95.7842, 0.3332,
0.3588

■ 25.5711, 0.2070,
0.2078

■ 98.0019, 0.3327,
0.3621

■ 21.3898, 0.1937,
0.1859

■ 17.8803, 0.1827,
0.1647

■ 14.9876, 0.1744,
0.1450

■ 13.8233, 0.1712,
0.1364

Harmonies

Analogous

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



58.0263, 0.2847, 0.3143



58.0263, 0.2886, 0.3063



58.0263, 0.2989, 0.3044

Triad

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



58.0263, 0.2886, 0.3063



58.0263, 0.3380, 0.3306



58.0263, 0.3118, 0.3504

Complementary

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



58.0263, 0.2886, 0.3063



63.1392, 0.3382, 0.3507

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.



58.0263, 0.3262, 0.3547



58.0263, 0.2886, 0.3063



58.0263, 0.3416, 0.3428

Square

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



58.0263, 0.2886, 0.3063



58.0263, 0.3275, 0.3183



58.0263, 0.3372, 0.3517



58.0263, 0.2979, 0.3400

Rectangle

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



58.0263, 0.2886, 0.3063



58.0263, 0.3082, 0.3067



58.0263, 0.3372, 0.3517



58.0263, 0.3167, 0.3526

Sweetspot

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



58.0287, 0.2886, 0.3063



93.1913, 0.3050, 0.3220



66.7390, 0.2989, 0.3471



19.7475, 0.3039, 0.3210



0.0000, 0.0000, 0.0000



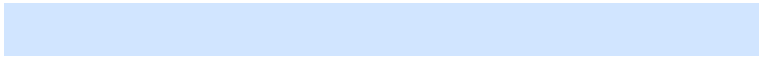
21.4041, 0.3127, 0.3290

Same Dimension

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



58.0287, 0.2886, 0.3063



76.9958, 0.2841, 0.3018



51.5601, 0.2892, 0.2881



13.5556, 0.2982, 0.3156



8.2455, 0.1720, 0.1392



0.7039, 0.1808, 0.1709

Inverse Universe

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



55.1941, 0.3293, 0.3120



72.5840, 0.3329, 0.3088



70.4273, 0.3344, 0.3672



13.1463, 0.3223, 0.3188



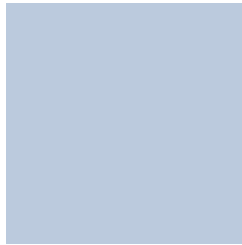
9.4562, 0.5201, 0.2639



0.6298, 0.4796, 0.2416

Previews

White Background



This preview shows how the Yxy color 58.0263, 0.2886, 0.3063 looks on a white background.

Color Contrast Check

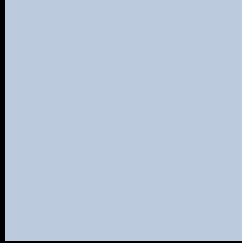
Large Text (above 18pt) WCAG AA × Fail

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 58.0263, 0.2886, 0.3063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

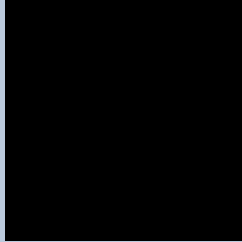
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

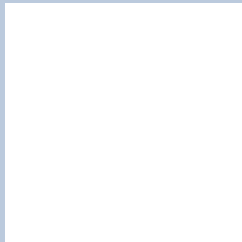
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.0263, 0.2886, 0.3063

Background



This preview shows how black text looks on a background with the Yxy color 58.0263, 0.2886, 0.3063.



This preview shows how white text looks on a background with the Yxy color 58.0263, 0.2886, 0.3063.

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

58.0263, 0.2886, 0.3063

Protanopia

57.9671, 0.2978, 0.3056

Deuteranopia

57.8594, 0.3041, 0.2982



Tritanopia

57.8678, 0.2906, 0.3098

Trichromacy



Original Color

58.0263, 0.2886, 0.3063

Protanomaly

57.9452, 0.2942, 0.3054

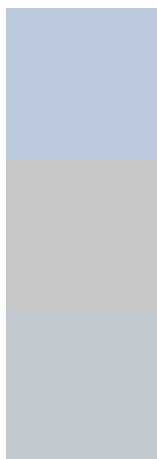
Deuteranomaly

58.0796, 0.2980, 0.3012

Tritanomaly

57.9203, 0.2899, 0.3087

Monochromacy



Original Color

58.0263, 0.2886, 0.3063

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.9295, 0.3032, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0263, 0.2886, 0.3063 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(187, 202, 221)` looks like.

```
.text, #text, p{  
    color:rgb(187, 202, 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(187, 202, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 202, 221) }
```

Border

The CSS property to change the border of an element to Yxy 58.0263, 0.2886, 0.3063 is called "border". The border property can be set on classes, ids or directly on the HTML element.

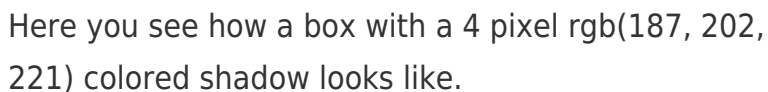
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 202, 221) }
```

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

```
.border{ border-color:rgb(187, 202, 221) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 202, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 202, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 202, 221); box-shadow:4px 4px 4px 4px rgb(187, 202, 221) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0263, 0.2886, 0.3063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 202, 221) }
```

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

```
.background{ background-color: rgb(187,  
202, 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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