

Converting Colors

$Yxy(58.0620, 0.2860, 0.3028)$

Have a look what the booklet for
Yxy(58.0620, 0.2860, 0.3028)
contains.

Yxy(58.0620, 0.2860, 0.3028)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.0620, 0.2860, 0.3028)

Conversions

Conversions Part 1

Format	Color
Hex	BACAE0
RGB	186, 202, 224
RGB Percent	73%, 79%, 88%
CMY	0.2703, 0.2079, 0.1215
CMYK	0.17, 0.10, 0.00, 0.12
HSL	215°, 38%, 80%
HSV	215°, 17%, 88%
XYZ	54.8406, 58.0620, 78.8477
YIQ	199.7240, -16.5980, 3.4500

Conversions

Conversions Part 2

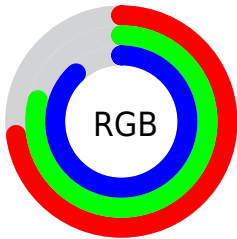
Format	Color
RYB	186, 197, 224
Decimal	12241632
CIELab	80.77, -0.87, -12.75
CIELCh	81, 12.779, 266.085
Yxy	58.0620, 0.2860, 0.3028
Android (android.graphics.Color)	4290431712 (0xFFBACAE0)
YUV	199.7240, 11.9681, -12.0359
Hunter-Lab	76.1984, -4.8794, -8.0125

Details

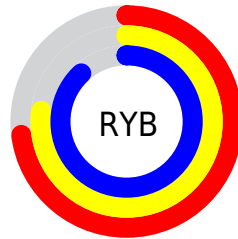
The Yxy color **58.0620, 0.2860, 0.3028** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.5663, 0.3409, 0.3539**, and the grayscale version is **57.5221, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **28.9499, 0.2785, 0.2957** is the 20% darker color. If you saturate the color by 10%, you get **49.6233, 0.2693, 0.2849**, and if you desaturate by 10%, it is **67.4602, 0.3021, 0.3189**.

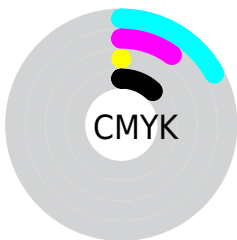
Distribution



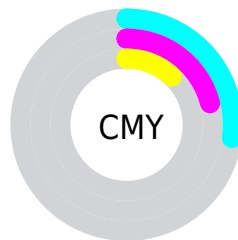
- Red (73%)
- Green (79%)
- Blue (88%)



- Red (73%)
- Yellow (77%)
- Blue (88%)



- Cyan (17%)
- Magenta (10%)
- Yellow (0%)
- Black (12%)



- Cyan (27%)
- Magenta (21%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.0620, 0.2860, 0.3028 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 58.0620, 0.2860, 0.3028 by changing the saturation by 10% instead.

■ 58.0620, 0.2860,
0.3028

■ 58.0620, 0.2860,
0.3028

417.4169, 0.2988,
0.3154

■ 41.8585, 0.2830,
0.2998

■ 102.0131, 0.2905,
0.3073

■ 28.9905, 0.2792,
0.2961

130.5296, 0.2923,
0.3090

■ 19.0736, 0.2743,
0.2912

163.9191, 0.2937,
0.3104

■ 11.7235, 0.2677,
0.2847

202.5661, 0.2950,
0.3117

■ 6.5557, 0.2585,
0.2755

246.8550, 0.2961,
0.3128

■ 3.1858, 0.2446,
0.2617

297.1702, 0.2971,

■ 1.2295, 0.2216,

0.3138

0.2385

353.8960, 0.2980,
0.3146

0.0856, 0.0531,
0.0757

0.0000, 0.0000,
0.0000

58.0620, 0.2860,
0.3028

58.0620, 0.2860,
0.3028

49.6233, 0.2693,
0.2849

67.4602, 0.3021,
0.3189

42.1040, 0.2521,
0.2654

77.8421, 0.3173,
0.3332

35.4711, 0.2351,
0.2443

89.2398, 0.3315,
0.3459

29.6870, 0.2187,
0.2221

97.5446, 0.3311,
0.3582

■ 24.7107, 0.2036,
0.1994

■ 98.1627, 0.3309,
0.3591

■ 20.4970, 0.1903,
0.1769

■ 16.9946, 0.1795,
0.1553

■ 14.1412, 0.1715,
0.1355

■ 13.3698, 0.1694,
0.1298

Harmonies

Analogous

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



58.0620, 0.2810, 0.3113



58.0620, 0.2860, 0.3028



58.0620, 0.2981, 0.3013

Triad

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



58.0620, 0.2860, 0.3028



58.0620, 0.3422, 0.3318



58.0620, 0.3103, 0.3527

Complementary

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



58.0620, 0.2860, 0.3028



64.5663, 0.3409, 0.3539

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.



58.0620, 0.3269, 0.3582



58.0620, 0.2860, 0.3028



58.0620, 0.3455, 0.3455

Square

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



58.0620, 0.2860, 0.3028



58.0620, 0.3306, 0.3178



58.0620, 0.3399, 0.3553



58.0620, 0.2948, 0.3404

Rectangle

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



58.0620, 0.2860, 0.3028



58.0620, 0.3088, 0.3043



58.0620, 0.3399, 0.3553



58.0620, 0.3160, 0.3555

Sweetspot

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



58.0644, 0.2860, 0.3028



93.0271, 0.3050, 0.3217



68.3022, 0.2971, 0.3483



19.7077, 0.3039, 0.3207



0.0000, 0.0000, 0.0000



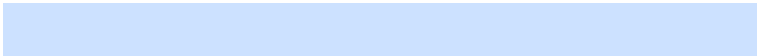
21.4041, 0.3127, 0.3290

Same Dimension

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



58.0644, 0.2860, 0.3028



74.1118, 0.2807, 0.2973



51.3038, 0.2870, 0.2836



14.1827, 0.2981, 0.3150



7.9969, 0.1702, 0.1326



0.7284, 0.1786, 0.1629

Inverse Universe

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



55.2653, 0.3320, 0.3111



69.9026, 0.3364, 0.3075



72.3169, 0.3362, 0.3712



13.7954, 0.3227, 0.3192



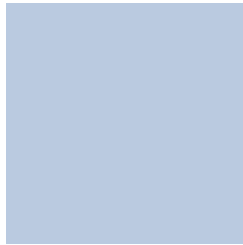
9.7153, 0.5291, 0.2688



0.6910, 0.4894, 0.2470

Previews

White Background



This preview shows how the Yxy color 58.0620, 0.2860, 0.3028 looks on a white background.

Color Contrast Check

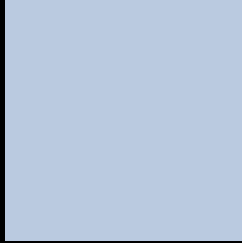
Large Text (above 18pt) WCAG AA × Fail

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 58.0620, 0.2860, 0.3028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

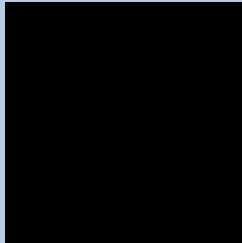
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

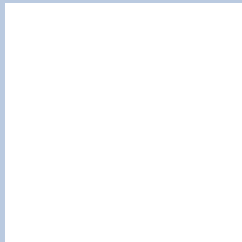
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.0620, 0.2860, 0.3028

Background



This preview shows how black text looks on a background with the Yxy color 58.0620, 0.2860, 0.3028.



This preview shows how white text looks on a background with the Yxy color 58.0620, 0.2860, 0.3028.

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

58.0620, 0.2860, 0.3028

Protanopia

57.9911, 0.2951, 0.3021

Deuteranopia

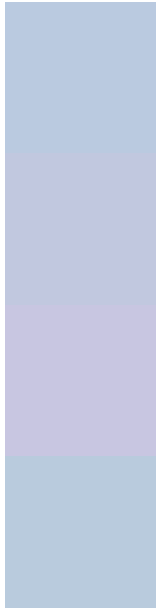
57.8764, 0.3012, 0.2949



Tritanopia

58.1406, 0.2885, 0.3098

Trichromacy



Original Color

58.0620, 0.2860, 0.3028

Protanomaly

57.9737, 0.2915, 0.3020

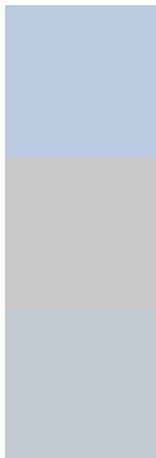
Deuteranomaly

58.1038, 0.2952, 0.2978

Tritanomaly

58.2466, 0.2872, 0.3075

Monochromacy



Original Color

58.0620, 0.2860, 0.3028

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.9788, 0.3025, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0620, 0.2860, 0.3028 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(186, 202, 224)` looks like.

```
.text, #text, p{  
    color:rgb(186, 202, 224)  
}
```

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(186, 202, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 202, 224) }
```

Border

The CSS property to change the border of an element to Yxy 58.0620, 0.2860, 0.3028 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(186, 202, 224) }
```

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

```
.border{ border-color:rgb(186, 202, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 202, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 202, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 202, 224);  
box-shadow:4px 4px 4px 4px rgb(186, 202,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0620, 0.2860, 0.3028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 202, 224) }
```

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

```
.background{ background-color: rgb(186,  
202, 224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor