

Converting Colors

Yxy(58.0948, 0.2860, 0.2998)

Have a look what the booklet for
Yxy(58.0948, 0.2860, 0.2998)
contains.

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Color

Yxy(57.9556, 0.2860, 0.2995)

Conversions

Conversions Part 1

Format	Color
Hex	BCC9E2
RGB	188, 201, 226
RGB Percent	74%, 79%, 89%
CMY	0.2629, 0.2117, 0.1138
CMYK	0.17, 0.11, 0.00, 0.11
HSL	219°, 40%, 81%
HSV	219°, 17%, 89%
XYZ	55.3432, 57.9556, 80.2090
YIQ	199.9630, -15.7730, 5.0190

Conversions

Conversions Part 2

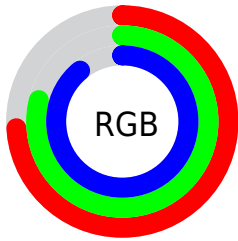
Format	Color
R _Y B	188, 198, 226
Decimal	12372450
CIE Lab	80.71, 0.65, -13.88
CIE LCh	81, 13.894, 272.682
Yxy	57.9556, 0.2860, 0.2995
Android (android.graphics.Color)	4290562530 (0xFFBCC9E2)
YUV	199.9630, 12.8362, -10.4916
Hunter-Lab	76.1286, -3.4607, -9.1779

Details

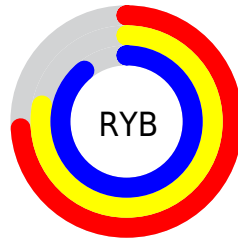
The Yxy color **57.9556, 0.2860, 0.2995** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.3458, 0.3402, 0.3569**, and the grayscale version is **57.6587, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **28.8760, 0.2786, 0.2913** is the 20% darker color. If you saturate the color by 10%, you get **48.7223, 0.2688, 0.2792**, and if you desaturate by 10%, it is **68.3113, 0.3022, 0.3177**.

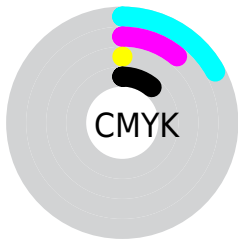
Distribution



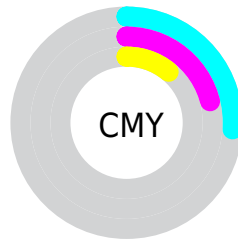
- Red (74%)
- Green (79%)
- Blue (89%)



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



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



- Cyan (26%)
- Magenta (21%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9556, 0.2860, 0.2995 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 57.9556, 0.2860, 0.2995 by changing the saturation by 10% instead.

■ 57.9556, 0.2860,
0.2995

■ 57.9556, 0.2860,
0.2995

417.0205, 0.2988,
0.3136

■ 41.7730, 0.2830,
0.2962

■ 101.8582, 0.2905,
0.3045

■ 28.9236, 0.2792,
0.2920

130.3469, 0.2923,
0.3064

■ 19.0230, 0.2742,
0.2866

163.7065, 0.2938,
0.3080

■ 11.6869, 0.2677,
0.2794

202.3213, 0.2950,
0.3095

■ 6.5309, 0.2584,
0.2693

246.5757, 0.2962,
0.3107

■ 3.1705, 0.2445,
0.2541

296.8541, 0.2971,

■ 1.2214, 0.2214,

0.3118

0.2290

353.5409, 0.2980,
0.3128

0.0791, 0.0740,
0.0643

0.0000, 0.0000,
0.0000

57.9556, 0.2860,
0.2995

57.9556, 0.2860,
0.2995

48.7223, 0.2688,
0.2792

68.3113, 0.3022,
0.3177

40.5645, 0.2511,
0.2569

79.8197, 0.3174,
0.3339

33.4423, 0.2332,
0.2330

92.3758, 0.3309,
0.3482

27.3105, 0.2157,
0.2079

98.2701, 0.3298,
0.3572

■ 22.1202, 0.1995,
0.1824

■ 17.8174, 0.1854,
0.1576

■ 14.3414, 0.1739,
0.1345

■ 11.6196, 0.1656,
0.1142

■ 10.8841, 0.1634,
0.1083

Harmonies

Analogous

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



57.9556, 0.2787, 0.3071



57.9556, 0.2860, 0.2995



57.9556, 0.3005, 0.2997

Triad

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



57.9556, 0.2860, 0.2995



57.9556, 0.3464, 0.3354



57.9556, 0.3061, 0.3525

Complementary

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



57.9556, 0.2860, 0.2995



67.3458, 0.3402, 0.3569

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.



57.9556, 0.3243, 0.3603



57.9556, 0.2860, 0.2995



57.9556, 0.3479, 0.3497

Square

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



57.9556, 0.2860, 0.2995



57.9556, 0.3356, 0.3200



57.9556, 0.3397, 0.3591



57.9556, 0.2901, 0.3378

Rectangle

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



57.9556, 0.2860, 0.2995



57.9556, 0.3124, 0.3039



57.9556, 0.3397, 0.3591



57.9556, 0.3122, 0.3560

Sweetspot

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



57.9580, 0.2860, 0.2995



92.4363, 0.3050, 0.3208



69.8579, 0.2953, 0.3444



19.5643, 0.3039, 0.3196



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.



57.9580, 0.2860, 0.2995



72.0430, 0.2804, 0.2930



52.8635, 0.2895, 0.2842



14.0091, 0.2981, 0.3132



6.4095, 0.1642, 0.1111



0.6070, 0.1728, 0.1422

Inverse Universe

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



56.3328, 0.3341, 0.3144



69.6937, 0.3393, 0.3113



73.2727, 0.3337, 0.3713



13.7779, 0.3238, 0.3210



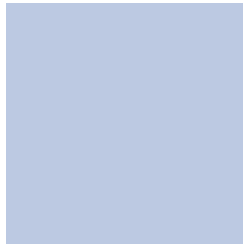
9.5551, 0.5594, 0.2855



0.6787, 0.5162, 0.2617

Previews

White Background



This preview shows how the Yxy color 57.9556, 0.2860, 0.2995 looks on a white background.

Color Contrast Check

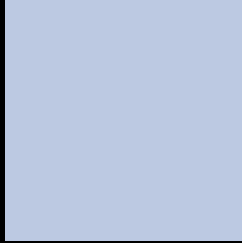
Large Text (above 18pt) WCAG AA × Fail

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 57.9556, 0.2860, 0.2995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

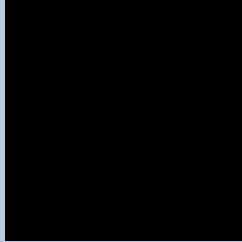
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

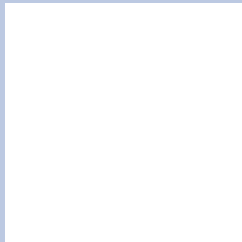
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.9556, 0.2860, 0.2995

Background



This preview shows how black text looks on a background with the Yxy color 57.9556, 0.2860, 0.2995.



This preview shows how white text looks on a background with the Yxy color 57.9556, 0.2860, 0.2995.

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

57.9556, 0.2860, 0.2995

Protanopia

57.9644, 0.2930, 0.2998

Deuteranopia

57.8417, 0.2990, 0.2926



Tritanopia

57.8678, 0.2906, 0.3098

Trichromacy



Original Color

57.9556, 0.2860, 0.2995

Protanomaly

58.0823, 0.2902, 0.2997

Deuteranomaly

57.7579, 0.2938, 0.2944

Tritanomaly

58.0263, 0.2886, 0.3063

Monochromacy



Original Color

57.9556, 0.2860, 0.2995

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.6478, 0.3033, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9556, 0.2860, 0.2995 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(188, 201, 226)` looks like.

```
.text, #text, p{  
    color:rgb(188, 201, 226)  
}
```

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(188, 201, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 201, 226) }
```

Border

The CSS property to change the border of an element to Yxy 57.9556, 0.2860, 0.2995 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(188, 201, 226) }
```

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

```
.border{ border-color:rgb(188, 201, 226) }
```

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

Here you see how a box with a 4 pixel rgb(188, 201, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 201, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 201, 226);  
box-shadow:4px 4px 4px 4px rgb(188, 201,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9556, 0.2860, 0.2995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 201, 226) }
```

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

```
.background{ background-color: rgb(188,  
201, 226) }
```

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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