

Converting Colors

$Y_{xy}(57.7760, 0.2798, 0.3009)$

Have a look what the booklet for
Yxy(57.7760, 0.2798, 0.3009)
contains.

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Color

Yxy(57.7866, 0.2799, 0.3014)

Conversions

Conversions Part 1

Format	Color
Hex	B3CBE2
RGB	179, 203, 226
RGB Percent	70%, 80%, 89%
CMY	0.2982, 0.2039, 0.1137
CMYK	0.21, 0.10, 0.00, 0.11
HSL	209°, 45%, 79%
HSV	209°, 21%, 89%
XYZ	53.6645, 57.7866, 80.2762
YIQ	198.4460, -21.6870, 2.0650

Conversions

Conversions Part 2

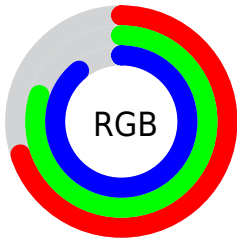
Format	Color
R_{YB}	179, 195, 226
Decimal	11783138
CIE _{Lab}	80.62, -3.21, -14.09
CIE _{LCh}	81, 14.453, 257.170
Yxy	57.7866, 0.2799, 0.3014
Android (android.graphics.Color)	4289973218 (0xFFB3CBE2)
YUV	198.4460, 13.5841, -17.0541
Hunter-Lab	76.0175, -7.0188, -9.3993

Details

The Yxy color **57.7866, 0.2799, 0.3014** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.6300, 0.3492, 0.3551**, and the grayscale version is **56.6793, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4022, 0.3005, 0.3290**, and **28.8708, 0.2717, 0.2938** is the 20% darker color. If you saturate the color by 10%, you get **50.2838, 0.2636, 0.2859**, and if you desaturate by 10%, it is **66.1066, 0.2960, 0.3154**.

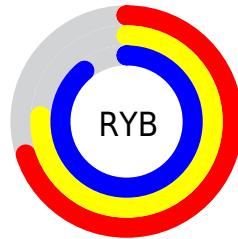
Distribution



Red (70%)

Green (80%)

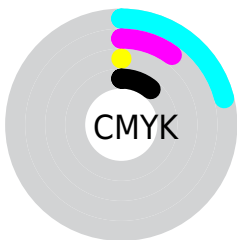
Blue (89%)



Red (70%)

Yellow (76%)

Blue (89%)

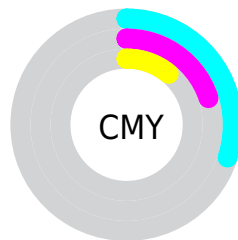


Cyan (21%)

Magenta (10%)

Yellow (0%)

Black (11%)



Cyan (30%)

Magenta (20%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.7866, 0.2799, 0.3014 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 57.7866, 0.2799, 0.3014 by changing the saturation by 10% instead.

■ 57.7866, 0.2799,
0.3014

■ 57.7866, 0.2799,
0.3014

416.3903, 0.2956,
0.3147

■ 41.6371, 0.2762,
0.2982

■ 101.6120, 0.2854,
0.3061

■ 28.8172, 0.2716,
0.2942

130.0568, 0.2876,
0.3079

■ 18.9426, 0.2656,
0.2890

163.3687, 0.2894,
0.3095

■ 11.6288, 0.2577,
0.2821

201.9323, 0.2909,
0.3108

■ 6.4915, 0.2465,
0.2722

246.1318, 0.2923,
0.3120

■ 3.1462, 0.2299,
0.2573

296.3517, 0.2935,

■ 1.2085, 0.2028,

0.3130

0.2323

352.9764, 0.2946,
0.3139

0.0686, 0.0000,
0.0606

0.0000, 0.0000,
0.0000

57.7866, 0.2799,
0.3014

57.7866, 0.2799,
0.3014

50.2838, 0.2636,
0.2859

66.1066, 0.2960,
0.3154

43.5621, 0.2473,
0.2692

75.2643, 0.3115,
0.3280

37.5926, 0.2316,
0.2512

85.2880, 0.3263,
0.3392

32.3415, 0.2169,
0.2325

93.3788, 0.3307,
0.3498

■ 27.7719, 0.2038,
0.2133

■ 98.2710, 0.3298,
0.3572

■ 23.8423, 0.1926,
0.1942

■ 20.5044, 0.1838,
0.1756

■ 17.8923, 0.1777,
0.1595

Harmonies

Analogous

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



57.7866, 0.2769, 0.3130



57.7866, 0.2799, 0.3014



57.7866, 0.2914, 0.2974

Triad

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



57.7866, 0.2799, 0.3014



57.7866, 0.3431, 0.3273



57.7866, 0.3157, 0.3588

Complementary

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



57.7866, 0.2799, 0.3014



61.6300, 0.3492, 0.3551

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.



57.7866, 0.3337, 0.3621



57.7866, 0.2799, 0.3014



57.7866, 0.3499, 0.3433

Square

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



57.7866, 0.2799, 0.3014



57.7866, 0.3279, 0.3122



57.7866, 0.3464, 0.3561



57.7866, 0.2972, 0.3467

Rectangle

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



57.7866, 0.2799, 0.3014



57.7866, 0.3027, 0.2992



57.7866, 0.3464, 0.3561



57.7866, 0.3220, 0.3610

Sweetspot

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



57.7890, 0.2799, 0.3014



92.5370, 0.3034, 0.3216



68.2200, 0.2961, 0.3581



19.6381, 0.3024, 0.3208



0.0000, 0.0000, 0.0000



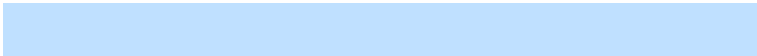
21.4041, 0.3127, 0.3290

Same Dimension

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



57.7890, 0.2799, 0.3014



71.5657, 0.2728, 0.2949



47.6033, 0.2779, 0.2724



14.3969, 0.2981, 0.3173



10.4463, 0.1784, 0.1622



0.9032, 0.1860, 0.1897

Inverse Universe

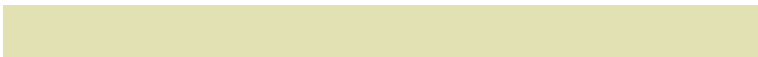
The Inverse Universe completely reimagines the original color for something new.



52.7010, 0.3337, 0.3019



64.0050, 0.3392, 0.2959



73.3887, 0.3442, 0.3800



13.8170, 0.3212, 0.3171



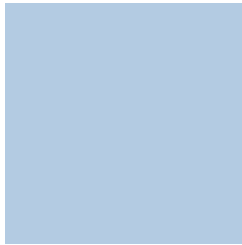
9.9626, 0.4903, 0.2475



0.7086, 0.4571, 0.2292

Previews

White Background



This preview shows how the Yxy color 57.7866, 0.2799, 0.3014 looks on a white background.

Color Contrast Check

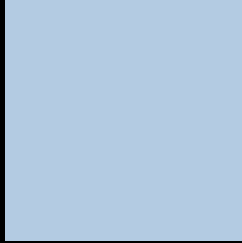
Large Text (above 18pt) WCAG AA × Fail

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 57.7866, 0.2799, 0.3014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

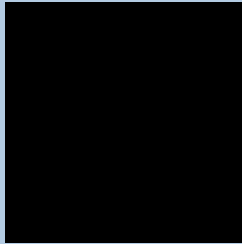
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

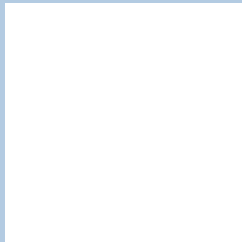
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.7866, 0.2799, 0.3014

Background



This preview shows how black text looks on a background with the Yxy color 57.7866, 0.2799, 0.3014.



This preview shows how white text looks on a background with the Yxy color 57.7866, 0.2799, 0.3014.

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

57.7866, 0.2799, 0.3014

Protanopia

57.4516, 0.2936, 0.2998

Deuteranopia

57.7535, 0.2976, 0.2914



Tritanopia

57.8180, 0.2831, 0.3096

Trichromacy



Original Color

57.7866, 0.2799, 0.3014

Protanomaly

57.6375, 0.2887, 0.3006

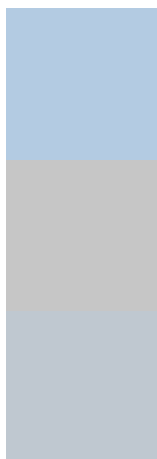
Deuteranomaly

57.6700, 0.2910, 0.2953

Tritanomaly

57.9246, 0.2818, 0.3072

Monochromacy



Original Color

57.7866, 0.2799, 0.3014

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.9390, 0.3002, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7866, 0.2799, 0.3014 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(179, 203, 226)` looks like.

```
.text, #text, p{  
    color:rgb(179, 203, 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(179, 203, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 203, 226) }
```

Border

The CSS property to change the border of an element to Yxy 57.7866, 0.2799, 0.3014 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(179, 203, 226) }
```

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

```
.border{ border-color:rgb(179, 203, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 203, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 203, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 203, 226); box-shadow:4px 4px 4px 4px rgb(179, 203, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7866, 0.2799, 0.3014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 203, 226) }
```

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

```
.background{ background-color: rgb(179,  
203, 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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