

Converting Colors

$Yxy(59.6759, 0.2769, 0.3017)$

Have a look what the booklet for
Yxy(59.6759, 0.2769, 0.3017)
contains.

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Color

Yxy(59.6859, 0.2765, 0.3016)

Conversions

Conversions Part 1

Format	Color
Hex	B1CFE6
RGB	177, 207, 230
RGB Percent	69%, 81%, 90%
CMY	0.3060, 0.1882, 0.0981
CMYK	0.23, 0.10, 0.00, 0.10
HSL	206°, 51%, 80%
HSV	206°, 23%, 90%
XYZ	54.7187, 59.6859, 83.4930
YIQ	200.6520, -25.2630, 0.7930

Conversions

Conversions Part 2

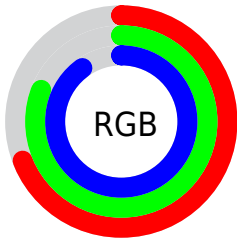
Format	Color
RYB	177, 196, 230
Decimal	11653094
CIELab	81.67, -5.03, -14.67
CIElCh	82, 15.508, 251.057
Yxy	59.6859, 0.2765, 0.3016
Android (android.graphics.Color)	4289843174 (0xFFB1CFE6)
YUV	200.6520, 14.4686, -20.7428
Hunter-Lab	77.2567, -8.7727, -9.9964

Details

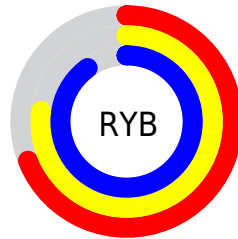
The Yxy color **59.6859, 0.2765, 0.3016** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61.2727, 0.3545, 0.3549**, and the grayscale version is **58.0993, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0636, 0.2993, 0.3290**, and **30.0494, 0.2676, 0.2956** is the 20% darker color. If you saturate the color by 10%, you get **52.5348, 0.2606, 0.2877**, and if you desaturate by 10%, it is **67.6017, 0.2924, 0.3143**.

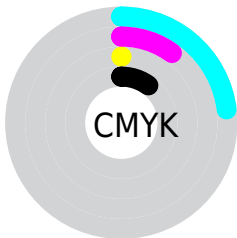
Distribution



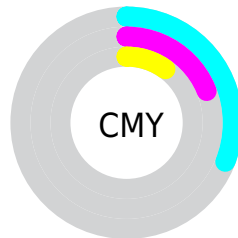
- Red (69%)
- Green (81%)
- Blue (90%)



- Red (69%)
- Yellow (77%)
- Blue (90%)



- Cyan (23%)
- Magenta (10%)
- Yellow (0%)
- Black (10%)



- Cyan (31%)
- Magenta (19%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.6859, 0.2765, 0.3016 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 59.6859, 0.2765, 0.3016 by changing the saturation by 10% instead.

■ 59.6859, 0.2765,
0.3016

■ 59.6859, 0.2765,
0.3016

423.4390, 0.2937,
0.3148

■ 43.1655, 0.2725,
0.2985

■ 104.3739, 0.2825,
0.3063

■ 30.0150, 0.2675,
0.2945

133.3103, 0.2849,
0.3081

■ 19.8500, 0.2611,
0.2894

167.1541, 0.2868,
0.3096

■ 12.2860, 0.2526,
0.2825

206.2898, 0.2886,
0.3109

■ 6.9388, 0.2408,
0.2729

251.1018, 0.2901,
0.3121

■ 3.4239, 0.2234,
0.2584

301.9744, 0.2914,

■ 1.3568, 0.1956,

0.3131

0.2343

359.2920, 0.2926,
0.3140

0.1846, 0.0353,
0.1240

0.0000, 0.0000,
0.0000

59.6859, 0.2765,
0.3016

59.6859, 0.2765,
0.3016

52.5348, 0.2606,
0.2877

67.6017, 0.2924,
0.3143

46.1127, 0.2450,
0.2727

76.3015, 0.3080,
0.3257

40.3915, 0.2301,
0.2567

85.8130, 0.3231,
0.3360

35.3381, 0.2165,
0.2401

93.4164, 0.3282,
0.3455

■ 30.9157, 0.2046,
0.2231

■ 98.4928, 0.3274,
0.3532

■ 27.0827, 0.1947,
0.2061

■ 23.7899, 0.1871,
0.1896

■ 21.7715, 0.1829,
0.1785

Harmonies

Analogous

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



59.6859, 0.2754, 0.3153



59.6859, 0.2765, 0.3016



59.6859, 0.2870, 0.2957

Triad

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



59.6859, 0.2765, 0.3016



59.6859, 0.3422, 0.3237



59.6859, 0.3199, 0.3623

Complementary

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



59.6859, 0.2765, 0.3016



61.2727, 0.3545, 0.3549

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.



59.6859, 0.3384, 0.3636



59.6859, 0.2765, 0.3016



59.6859, 0.3516, 0.3407

Square

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



59.6859, 0.2765, 0.3016



59.6859, 0.3248, 0.3084



59.6859, 0.3501, 0.3554



59.6859, 0.3000, 0.3510

Rectangle

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



59.6859, 0.2765, 0.3016



59.6859, 0.2982, 0.2965



59.6859, 0.3501, 0.3554



59.6859, 0.3265, 0.3639

Sweetspot

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



59.6883, 0.2765, 0.3016



91.9351, 0.3019, 0.3213



70.0578, 0.2964, 0.3660



19.5341, 0.3009, 0.3206



0.0000, 0.0000, 0.0000



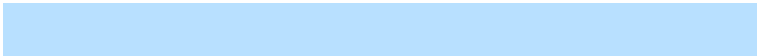
21.4041, 0.3127, 0.3290

Same Dimension

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



59.6883, 0.2765, 0.3016



70.7082, 0.2684, 0.2947



48.2565, 0.2740, 0.2698



15.2361, 0.2981, 0.3186



12.5743, 0.1836, 0.1810



1.1131, 0.1902, 0.2046

Inverse Universe

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



52.7553, 0.3340, 0.2956



60.7605, 0.3400, 0.2879



74.1552, 0.3485, 0.3820



14.5042, 0.3204, 0.3158



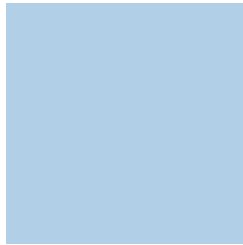
10.4671, 0.4673, 0.2348



0.7920, 0.4401, 0.2198

Previews

White Background



This preview shows how the Yxy color 59.6859, 0.2765, 0.3016 looks on a white background.

Color Contrast Check

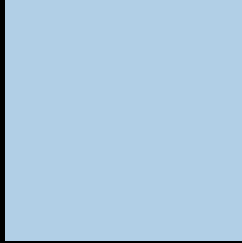
Large Text (above 18pt) WCAG AA × Fail

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 59.6859, 0.2765, 0.3016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

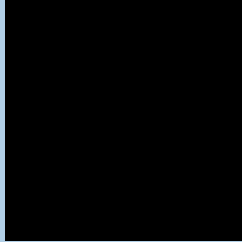
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

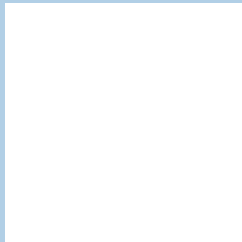
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.6859, 0.2765, 0.3016

Background



This preview shows how black text looks on a background with the Yxy color 59.6859, 0.2765, 0.3016.



This preview shows how white text looks on a background with the Yxy color 59.6859, 0.2765, 0.3016.

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

59.6859, 0.2765, 0.3016

Protanopia

59.4064, 0.2939, 0.3001

Deuteranopia

59.1686, 0.2964, 0.2896



Tritanopia

59.7781, 0.2790, 0.3085

Trichromacy



Original Color

59.6859, 0.2765, 0.3016

Protanomaly

59.3343, 0.2876, 0.3009

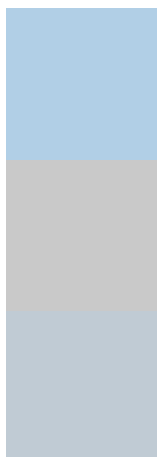
Deuteranomaly

59.4131, 0.2892, 0.2945

Tritanomaly

59.8879, 0.2778, 0.3062

Monochromacy



Original Color

59.6859, 0.2765, 0.3016

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.6718, 0.2982, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6859, 0.2765, 0.3016 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(177, 207, 230)` looks like.

```
.text, #text, p{  
    color:rgb(177, 207, 230)  
}
```

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(177, 207, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 207, 230) }
```

Border

The CSS property to change the border of an element to Yxy 59.6859, 0.2765, 0.3016 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(177, 207, 230) }
```

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

```
.border{ border-color:rgb(177, 207, 230) }
```

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

Here you see how a box with a 4 pixel rgb(177, 207, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 207, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 207, 230);  
box-shadow:4px 4px 4px 4px rgb(177, 207,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6859, 0.2765, 0.3016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 207, 230) }
```

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

```
.background{ background-color: rgb(177,  
207, 230) }
```

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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