

Converting Colors

$Yxy(59.1111, 0.2763, 0.2918)$

Have a look what the booklet for
Yxy(59.1111, 0.2763, 0.2918)
contains.

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Color

Yxy(59.1869, 0.2759, 0.2915)

Conversions

Conversions Part 1

Format	Color
Hex	B6CCEC
RGB	182, 204, 236
RGB Percent	71%, 80%, 93%
CMY	0.2864, 0.2000, 0.0745
CMYK	0.23, 0.14, 0.00, 0.07
HSL	216°, 59%, 82%
HSV	216°, 23%, 93%
XYZ	56.0194, 59.1869, 87.8362
YIQ	201.0700, -23.3840, 5.2880

Conversions

Conversions Part 2

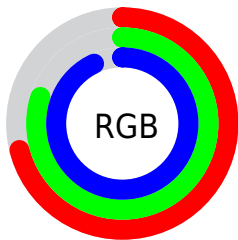
Format	Color
RYB	182, 198, 236
Decimal	11980012
CIELab	81.39, -0.59, -18.26
CIELCh	81, 18.269, 268.156
Yxy	59.1869, 0.2759, 0.2915
Android (android.graphics.Color)	4290170092 (0xFFB6CCEC)
YUV	201.0700, 17.2205, -16.7244
Hunter-Lab	76.9330, -4.6565, -13.8396

Details

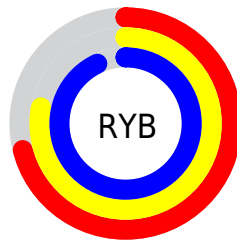
The Yxy color **59.1869, 0.2759, 0.2915** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **69.2868, 0.3522, 0.3638**, and the grayscale version is **58.3547, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **29.6972, 0.2667, 0.2824** is the 20% darker color. If you saturate the color by 10%, you get **50.2064, 0.2588, 0.2721**, and if you desaturate by 10%, it is **69.2524, 0.2925, 0.3091**.

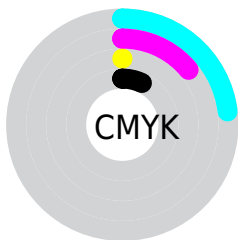
Distribution



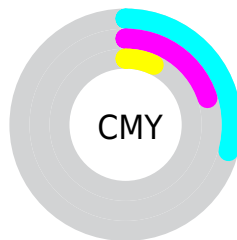
- Red (71%)
- Green (80%)
- Blue (93%)



- Red (71%)
- Yellow (78%)
- Blue (93%)



- Cyan (23%)
- Magenta (14%)
- Yellow (0%)
- Black (7%)



- Cyan (29%)
- Magenta (20%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.1869, 0.2759, 0.2915 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 59.1869, 0.2759, 0.2915 by changing the saturation by 10% instead.

■ 59.1869, 0.2759,
0.2915

■ 59.1869, 0.2759,
0.2915

421.5942, 0.2934,
0.3094

■ 42.7636, 0.2718,
0.2873

■ 103.6493, 0.2821,
0.2978

■ 29.6997, 0.2667,
0.2821

132.4571, 0.2844,
0.3002

■ 19.6107, 0.2601,
0.2754

166.1619, 0.2865,
0.3023

■ 12.1124, 0.2514,
0.2664

205.1481, 0.2882,
0.3041

■ 6.8203, 0.2394,
0.2540

249.8000, 0.2898,
0.3056

■ 3.3500, 0.2217,
0.2358

300.5020, 0.2911,

■ 1.3171, 0.1935,

0.3070

0.2066

357.6386, 0.2923,
0.3083

0.1543, 0.0729,
0.0850

0.0000, 0.0000,
0.0000

59.1869, 0.2759,
0.2915

59.1869, 0.2759,
0.2915

50.2064, 0.2588,
0.2721

69.2524, 0.2925,
0.3091

42.2640, 0.2415,
0.2512

80.4334, 0.3083,
0.3248

35.3193, 0.2245,
0.2289

92.7678, 0.3231,
0.3387

29.3264, 0.2086,
0.2058

98.8368, 0.3238,
0.3473

■ 24.2350, 0.1944,
0.1826

■ 19.9886, 0.1825,
0.1602

■ 16.5219, 0.1733,
0.1394

■ 14.4721, 0.1683,
0.1259

Harmonies

Analogous

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



59.1869, 0.2681, 0.3025



59.1869, 0.2759, 0.2915



59.1869, 0.2934, 0.2904

Triad

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



59.1869, 0.2759, 0.2915



59.1869, 0.3555, 0.3340



59.1869, 0.3075, 0.3622

Complementary

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



59.1869, 0.2759, 0.2915



69.2868, 0.3522, 0.3638

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.



59.1869, 0.3311, 0.3707



59.1869, 0.2759, 0.2915



59.1869, 0.3593, 0.3532

Square

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



59.1869, 0.2759, 0.2915



59.1869, 0.3396, 0.3144



59.1869, 0.3502, 0.3669



59.1869, 0.2859, 0.3437

Rectangle

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



59.1869, 0.2759, 0.2915



59.1869, 0.3086, 0.2950



59.1869, 0.3502, 0.3669



59.1869, 0.3154, 0.3664

Sweetspot

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



59.1893, 0.2759, 0.2915



90.2115, 0.3019, 0.3185



74.7676, 0.2913, 0.3550



19.1351, 0.3009, 0.3176



0.0000, 0.0000, 0.0000



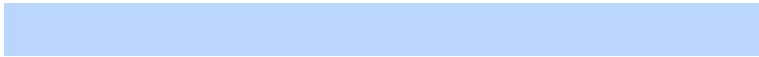
21.4041, 0.3127, 0.3290

Same Dimension

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



59.1893, 0.2759, 0.2915



65.8899, 0.2687, 0.2836



49.9972, 0.2771, 0.2653



15.5579, 0.2980, 0.3147



8.2161, 0.1691, 0.1289



0.8300, 0.1767, 0.1562

Inverse Universe

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



55.6373, 0.3410, 0.3049



61.3081, 0.3477, 0.3003



80.4470, 0.3440, 0.3868



15.1559, 0.3229, 0.3194



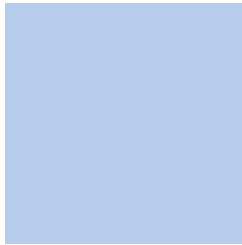
10.3222, 0.5342, 0.2717



0.8292, 0.4980, 0.2517

Previews

White Background



This preview shows how the Yxy color 59.1869, 0.2759, 0.2915 looks on a white background.

Color Contrast Check

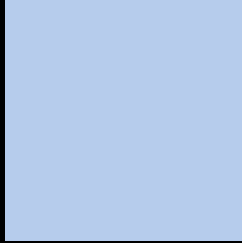
Large Text (above 18pt) WCAG AA × Fail

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 59.1869, 0.2759, 0.2915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

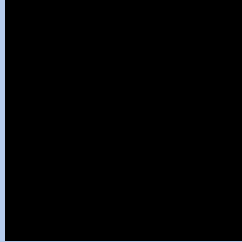
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

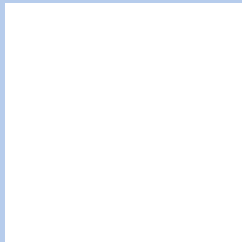
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.1869, 0.2759, 0.2915

Background



This preview shows how black text looks on a background with the Yxy color 59.1869, 0.2759, 0.2915.



This preview shows how white text looks on a background with the Yxy color 59.1869, 0.2759, 0.2915.

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

59.1869, 0.2759, 0.2915

Protanopia

58.9848, 0.2865, 0.2900

Deuteranopia

58.8843, 0.2901, 0.2840



Tritanopia

59.0540, 0.2820, 0.3085

Trichromacy



Original Color

59.1869, 0.2759, 0.2915

Protanomaly

58.8478, 0.2824, 0.2897

Deuteranomaly

59.1587, 0.2845, 0.2867

Tritanomaly

58.9674, 0.2795, 0.3016

Monochromacy



Original Color

59.1869, 0.2759, 0.2915

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.5654, 0.2983, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1869, 0.2759, 0.2915 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(182, 204, 236)` looks like.

```
.text, #text, p{  
    color:rgb(182, 204, 236)  
}
```

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(182, 204, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 204, 236) }
```

Border

The CSS property to change the border of an element to Yxy 59.1869, 0.2759, 0.2915 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(182, 204, 236) }
```

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

```
.border{ border-color:rgb(182, 204, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 204, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 204, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 204, 236);  
box-shadow:4px 4px 4px 4px rgb(182, 204,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1869, 0.2759, 0.2915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 204, 236) }
```

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

```
.background{ background-color: rgb(182,  
204, 236) }
```

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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