

Converting Colors

Yxy(59.4875, 0.2681, 0.2770)

Have a look what the booklet for
Yxy(59.4875, 0.2681, 0.2770)
contains.

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Color

Yxy(59.3752, 0.2676, 0.2762)

Conversions

Conversions Part 1

Format	Color
Hex	B5CBF9
RGB	181, 203, 249
RGB Percent	71%, 80%, 98%
CMY	0.2899, 0.2040, 0.0234
CMYK	0.27, 0.18, 0.00, 0.02
HSL	221°, 85%, 84%
HSV	221°, 27%, 98%
XYZ	57.5264, 59.3752, 98.0701
YIQ	201.6660, -27.8780, 9.6420

Conversions

Conversions Part 2

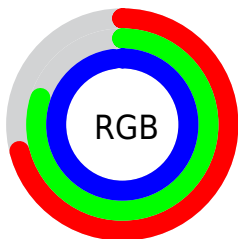
Format	Color
RYB	181, 198, 249
Decimal	11914233
CIELab	81.50, 2.69, -25.05
CIElCh	81, 25.193, 276.138
Yxy	59.3752, 0.2676, 0.2762
Android (android.graphics.Color)	4290104313 (0xFFB5CBF9)
YUV	201.6660, 23.3357, -18.1241
Hunter-Lab	77.0553, -1.5857, -21.5211

Details

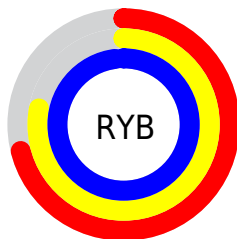
The Yxy color **59.3752, 0.2676, 0.2762** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.4863, 0.3596, 0.3767**, and the grayscale version is **58.7180, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **29.8127, 0.2569, 0.2640** is the 20% darker color. If you saturate the color by 10%, you get **49.0898, 0.2495, 0.2529**, and if you desaturate by 10%, it is **71.0708, 0.2850, 0.2974**.

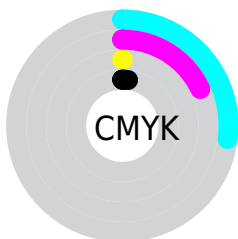
Distribution



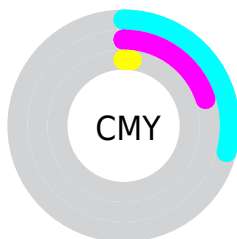
- Red (71%)
- Green (80%)
- Blue (98%)



- Red (71%)
- Yellow (78%)
- Blue (98%)



- Cyan (27%)
- Magenta (18%)
- Yellow (0%)
- Black (2%)



- Cyan (29%)
- Magenta (20%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.3752, 0.2676, 0.2762 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 59.3752, 0.2676, 0.2762 by changing the saturation by 10% instead.

■ 59.3752, 0.2676,
0.2762

■ 59.3752, 0.2676,
0.2762

422.2909, 0.2890,
0.3010

■ 42.9152, 0.2626,
0.2705

■ 103.9228, 0.2751,
0.2849

■ 29.8186, 0.2564,
0.2634

132.7792, 0.2780,
0.2882

■ 19.7009, 0.2486,
0.2544

166.5365, 0.2805,
0.2911

■ 12.1778, 0.2382,
0.2426

205.5792, 0.2826,
0.2936

■ 6.8649, 0.2240,
0.2266

250.2915, 0.2845,
0.2958

■ 3.3778, 0.2035,
0.2038

301.0580, 0.2862,

■ 1.3320, 0.1722,

0.2977

0.1694

358.2630, 0.2877,
0.2995

0.1658, 0.0833,
0.0618

0.0000, 0.0000,
0.0000

59.3752, 0.2676,
0.2762

59.3752, 0.2676,
0.2762

49.0898, 0.2495,
0.2529

71.0708, 0.2850,
0.2974

40.1513, 0.2313,
0.2280

84.2225, 0.3015,
0.3165

32.5016, 0.2135,
0.2019

98.7338, 0.3162,
0.3334

26.0751, 0.1971,
0.1756

99.6211, 0.3162,
0.3347

■ 20.7998, 0.1829,
0.1502

■ 16.5942, 0.1715,
0.1270

■ 13.3604, 0.1635,
0.1069

■ 12.6202, 0.1617,
0.1021

Harmonies

Analogous

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



59.3752, 0.2535, 0.2871



59.3752, 0.2676, 0.2762



59.3752, 0.2939, 0.2786

Triad

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



59.3752, 0.2676, 0.2762



59.3752, 0.3751, 0.3424



59.3752, 0.2967, 0.3697

Complementary

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



59.3752, 0.2676, 0.2762



78.4863, 0.3596, 0.3767

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.



59.3752, 0.3291, 0.3857



59.3752, 0.2676, 0.2762



59.3752, 0.3753, 0.3675

Square

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



59.3752, 0.2676, 0.2762



59.3752, 0.3569, 0.3156



59.3752, 0.3581, 0.3841



59.3752, 0.2695, 0.3410

Rectangle

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



59.3752, 0.2676, 0.2762



59.3752, 0.3156, 0.2870



59.3752, 0.3581, 0.3841



59.3752, 0.3073, 0.3768

Sweetspot

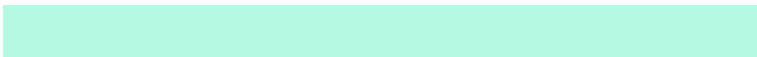
The Sweet Spot groups the original color and five complimentary colors.



59.3776, 0.2676, 0.2762



87.8295, 0.3003, 0.3152



83.1110, 0.2845, 0.3543



18.3338, 0.2979, 0.3124



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.



59.3776, 0.2676, 0.2762



56.2400, 0.2572, 0.2630



51.1785, 0.2730, 0.2518



17.5566, 0.2979, 0.3125



6.9812, 0.1625, 0.1049



0.8299, 0.1690, 0.1283

Inverse Universe

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



57.5338, 0.3531, 0.3060



54.4055, 0.3648, 0.3009



89.2310, 0.3462, 0.3992



17.3175, 0.3243, 0.3214



11.1157, 0.5685, 0.2906



1.0480, 0.5350, 0.2721

Previews

White Background



This preview shows how the Yxy color 59.3752, 0.2676, 0.2762 looks on a white background.

Color Contrast Check

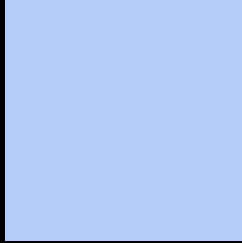
Large Text (above 18pt) WCAG AA × Fail

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 59.3752, 0.2676, 0.2762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

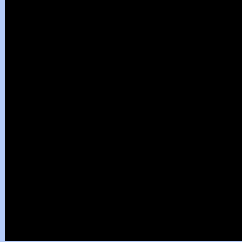
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

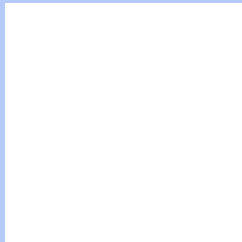
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.3752, 0.2676, 0.2762

Background



This preview shows how black text looks on a background with the Yxy color 59.3752, 0.2676, 0.2762.



This preview shows how white text looks on a background with the Yxy color 59.3752, 0.2676, 0.2762.

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

59.3752, 0.2676, 0.2762

Protanopia

59.2304, 0.2756, 0.2758

Deuteranopia

59.1606, 0.2770, 0.2710



Tritanopia

59.2376, 0.2795, 0.3085

Trichromacy



Original Color

59.3752, 0.2676, 0.2762

Protanomaly

59.2420, 0.2725, 0.2756

Deuteranomaly

59.2870, 0.2732, 0.2727

Tritanomaly

59.4908, 0.2753, 0.2970

Monochromacy



Original Color

59.3752, 0.2676, 0.2762

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.8249, 0.2949, 0.3090

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3752, 0.2676, 0.2762 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(181, 203, 249)` looks like.

```
.text, #text, p{  
    color:rgb(181, 203, 249)  
}
```

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(181, 203, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 203, 249) }
```

Border

The CSS property to change the border of an element to Yxy 59.3752, 0.2676, 0.2762 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(181, 203, 249) }
```

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

```
.border{ border-color:rgb(181, 203, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 203, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 203, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 203, 249);  
box-shadow:4px 4px 4px 4px rgb(181, 203,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3752, 0.2676, 0.2762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 203, 249) }
```

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

```
.background{ background-color: rgb(181,  
203, 249) }
```

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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