

Converting Colors

$Yxy(51.5042, 0.2641, 0.2673)$

Have a look what the booklet for
Yxy(51.5042, 0.2641, 0.2673)
contains.

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Color

Yxy(51.4040, 0.2639, 0.2667)

Conversions

Conversions Part 1

Format	Color
Hex	ABBDF1
RGB	171, 189, 241
RGB Percent	67%, 74%, 95%
CMY	0.3296, 0.2588, 0.0548
CMYK	0.29, 0.22, 0.00, 0.05
HSL	225°, 71%, 81%
HSV	225°, 29%, 95%
XYZ	50.8643, 51.4040, 90.4726
YIQ	189.5460, -27.4200, 12.3560

Conversions

Conversions Part 2

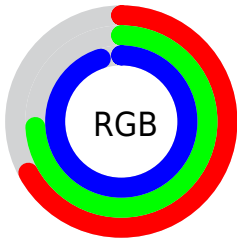
Format	Color
RYB	171, 185, 241
Decimal	11255281
CIELab	76.92, 5.41, -27.81
CIElCh	77, 28.334, 281.006
Yxy	51.4040, 0.2639, 0.2667
Android (android.graphics.Color)	4289445361 (0xFFABBDF1)
YUV	189.5460, 25.3668, -16.2648
Hunter-Lab	71.6966, 1.1658, -24.6293

Details

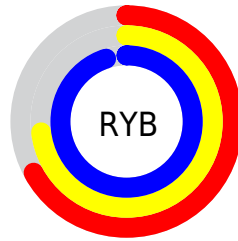
The Yxy color **51.4040, 0.2639, 0.2667** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.3989, 0.3616, 0.3843**, and the grayscale version is **51.0793, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8557, 0.2956, 0.3189**, and **24.8930, 0.2510, 0.2510** is the 20% darker color. If you saturate the color by 10%, you get **41.7137, 0.2452, 0.2408**, and if you desaturate by 10%, it is **62.5413, 0.2818, 0.2904**.

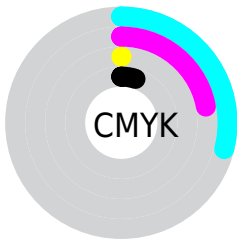
Distribution



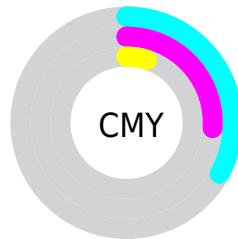
- Red (67%)
- Green (74%)
- Blue (95%)



- Red (67%)
- Yellow (73%)
- Blue (95%)



- Cyan (29%)
- Magenta (22%)
- Yellow (0%)
- Black (5%)



- Cyan (33%)
- Magenta (26%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.4040, 0.2639, 0.2667 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 51.4040, 0.2639, 0.2667 by changing the saturation by 10% instead.

■ 51.4040, 0.2639,
0.2667

■ 51.4040, 0.2639,
0.2667

392.1314, 0.2876,
0.2965

■ 36.5302, 0.2582,
0.2597

■ 92.2517, 0.2723,
0.2772

■ 24.8440, 0.2511,
0.2510

118.9944, 0.2755,
0.2812

■ 15.9609, 0.2420,
0.2399

150.4622, 0.2783,
0.2847

■ 9.4965, 0.2297,
0.2253

187.0394, 0.2807,
0.2877

■ 5.0664, 0.2127,
0.2053

229.1106, 0.2827,
0.2903

■ 2.2863, 0.1877,
0.1765

277.0601, 0.2846,

■ 0.7664, 0.1488,

0.2926

0.1325

331.2722, 0.2862,
0.2946

0.0000, 0.0000,
0.0000

51.4040, 0.2639,
0.2667

51.4040, 0.2639,
0.2667

41.7137, 0.2452,
0.2408

62.5413, 0.2818,
0.2904

33.4029, 0.2262,
0.2132

75.1770, 0.2986,
0.3118

26.4080, 0.2079,
0.1848

89.3672, 0.3141,
0.3307

20.6571, 0.1910,
0.1568

99.1319, 0.3208,
0.3424

16.0712, 0.1767,
0.1307

■ 12.5605, 0.1657,
0.1078

■ 10.0079, 0.1583,
0.0894

■ 9.8087, 0.1578,
0.0879

Harmonies

Analogous

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



51.4040, 0.2450, 0.2764



51.4040, 0.2639, 0.2667



51.4040, 0.2964, 0.2721

Triad

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



51.4040, 0.2639, 0.2667



51.4040, 0.3880, 0.3493



51.4040, 0.2877, 0.3726

Complementary

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



51.4040, 0.2639, 0.2667



74.3989, 0.3616, 0.3843

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.



51.4040, 0.3254, 0.3948



51.4040, 0.2639, 0.2667



51.4040, 0.3845, 0.3779

Square

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



51.4040, 0.2639, 0.2667



51.4040, 0.3697, 0.3180



51.4040, 0.3611, 0.3957



51.4040, 0.2580, 0.3368

Rectangle

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



51.4040, 0.2639, 0.2667



51.4040, 0.3222, 0.2832



51.4040, 0.3611, 0.3957



51.4040, 0.2999, 0.3821

Sweetspot

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



51.4060, 0.2639, 0.2667



85.5122, 0.2987, 0.3118



76.8660, 0.2804, 0.3505



17.8310, 0.2963, 0.3089



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.



51.4060, 0.2639, 0.2667



51.5870, 0.2527, 0.2513



46.0663, 0.2735, 0.2470



15.8908, 0.2980, 0.3109



5.5019, 0.1585, 0.0905



0.6130, 0.1654, 0.1153

Inverse Universe

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



51.4893, 0.3606, 0.3094



52.1048, 0.3747, 0.3051



81.8140, 0.3450, 0.4046



15.8257, 0.3253, 0.3229



10.3488, 0.5905, 0.3026



0.8766, 0.5534, 0.2822

Previews

White Background



This preview shows how the Yxy color 51.4040, 0.2639, 0.2667 looks on a white background.

Color Contrast Check

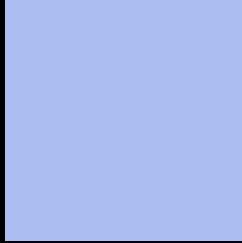
Large Text (above 18pt) WCAG AA × Fail

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 51.4040, 0.2639, 0.2667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

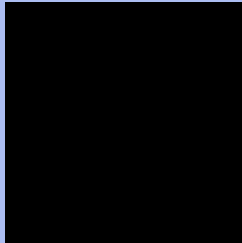
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.4040, 0.2639, 0.2667

Background



This preview shows how black text looks on a background with the Yxy color 51.4040, 0.2639, 0.2667.



This preview shows how white text looks on a background with the Yxy color 51.4040, 0.2639, 0.2667.

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

51.4040, 0.2639, 0.2667

Protanopia

51.6048, 0.2685, 0.2672

Deuteranopia

51.3524, 0.2698, 0.2632



Tritanopia

51.5759, 0.2790, 0.3097

Trichromacy



Original Color

51.4040, 0.2639, 0.2667

Protanomaly

51.3717, 0.2671, 0.2670

Deuteranomaly

51.2986, 0.2671, 0.2639

Tritanomaly

51.5759, 0.2739, 0.2939

Monochromacy



Original Color

51.4040, 0.2639, 0.2667

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.4976, 0.2933, 0.3054

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4040, 0.2639, 0.2667 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(171, 189, 241)` looks like.

```
.text, #text, p{  
    color:rgb(171, 189, 241)  
}
```

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(171, 189, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 189, 241) }
```

Border

The CSS property to change the border of an element to Yxy 51.4040, 0.2639, 0.2667 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(171, 189, 241) }
```

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

```
.border{ border-color:rgb(171, 189, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 189, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 189, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 189, 241);  
box-shadow:4px 4px 4px 4px rgb(171, 189,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4040, 0.2639, 0.2667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 189, 241) }
```

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

```
.background{ background-color: rgb(171,  
189, 241) }
```

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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