

Converting Colors

Yxy(51.4023, 0.2632, 0.2654)

Have a look what the booklet for
Yxy(51.4023, 0.2632, 0.2654)
contains.

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Color

Yxy(51.4639, 0.2633, 0.2656)

Conversions

Conversions Part 1

Format	Color
Hex	ABBDF2
RGB	171, 189, 242
RGB Percent	67%, 74%, 95%
CMY	0.3295, 0.2588, 0.0508
CMYK	0.29, 0.22, 0.00, 0.05
HSL	225°, 73%, 81%
HSV	225°, 29%, 95%
XYZ	51.0182, 51.4639, 91.2825
YIQ	189.6600, -27.7410, 12.6670

Conversions

Conversions Part 2

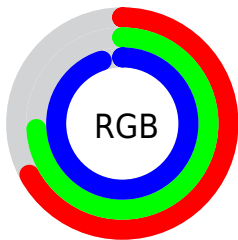
Format	Color
RYB	171, 185, 242
Decimal	11255282
CIELab	76.96, 5.66, -28.31
CIElCh	77, 28.871, 281.311
Yxy	51.4639, 0.2633, 0.2656
Android (android.graphics.Color)	4289445362 (0xFFABBDF2)
YUV	189.6600, 25.8036, -16.3648
Hunter-Lab	71.7383, 1.4019, -25.2260

Details

The Yxy color **51.4639, 0.2633, 0.2656** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.1363, 0.3621, 0.3852**, and the grayscale version is **51.1466, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0188, 0.2962, 0.3189**, and **24.9354, 0.2503, 0.2496** is the 20% darker color. If you saturate the color by 10%, you get **41.7002, 0.2445, 0.2395**, and if you desaturate by 10%, it is **62.6968, 0.2813, 0.2895**.

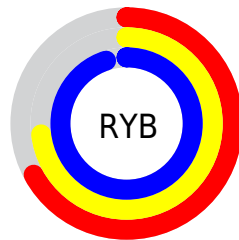
Distribution



Red (67%)

Green (74%)

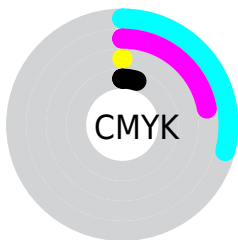
Blue (95%)



Red (67%)

Yellow (73%)

Blue (95%)

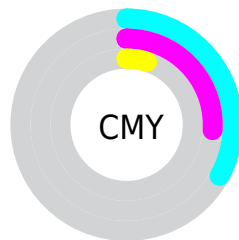


Cyan (29%)

Magenta (22%)

Yellow (0%)

Black (5%)



Cyan (33%)

Magenta (26%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.4639, 0.2633, 0.2656 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 51.4639, 0.2633, 0.2656 by changing the saturation by 10% instead.

■ 51.4639, 0.2633,
0.2656

■ 51.4639, 0.2633,
0.2656

■ 392.3635, 0.2873,
0.2958

■ 36.5779, 0.2576,
0.2585

■ 92.3401, 0.2718,
0.2762

■ 24.8809, 0.2504,
0.2497

■ 119.0992, 0.2751,
0.2803

■ 15.9883, 0.2411,
0.2385

■ 150.5847, 0.2779,
0.2838

■ 9.5159, 0.2288,
0.2237

■ 187.1811, 0.2803,
0.2869

■ 5.0792, 0.2116,
0.2034

■ 229.2728, 0.2824,
0.2895

■ 2.2938, 0.1865,
0.1745

■ 277.2442, 0.2842,

■ 0.7704, 0.1476,

0.2919

0.1306

331.4796, 0.2858,
0.2940

0.0000, 0.0000,
0.0000

51.4639, 0.2633,
0.2656

51.4639, 0.2633,
0.2656

41.7002, 0.2445,
0.2395

62.6968, 0.2813,
0.2895

33.3371, 0.2255,
0.2117

75.4517, 0.2981,
0.3111

26.3091, 0.2072,
0.1832

89.7858, 0.3137,
0.3301

20.5431, 0.1903,
0.1551

99.1934, 0.3202,
0.3414

15.9579, 0.1761,
0.1290

■ 12.4617, 0.1652,
0.1063

■ 9.9324, 0.1579,
0.0881

■ 9.7979, 0.1575,
0.0871

Harmonies

Analogous

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



51.4639, 0.2439, 0.2753



51.4639, 0.2633, 0.2656



51.4639, 0.2964, 0.2713

Triad

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



51.4639, 0.2633, 0.2656



51.4639, 0.3895, 0.3499



51.4639, 0.2869, 0.3732

Complementary

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



51.4639, 0.2633, 0.2656



75.1363, 0.3621, 0.3852

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.



51.4639, 0.3252, 0.3960



51.4639, 0.2633, 0.2656



51.4639, 0.3857, 0.3789

Square

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



51.4639, 0.2633, 0.2656



51.4639, 0.3710, 0.3181



51.4639, 0.3616, 0.3971



51.4639, 0.2568, 0.3366

Rectangle

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



51.4639, 0.2633, 0.2656



51.4639, 0.3228, 0.2826



51.4639, 0.3616, 0.3971



51.4639, 0.2992, 0.3829

Sweetspot

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



51.4659, 0.2633, 0.2656



85.4607, 0.2987, 0.3118



77.5169, 0.2800, 0.3508



17.8184, 0.2963, 0.3088



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.



51.4659, 0.2633, 0.2656



51.4394, 0.2526, 0.2509



46.1607, 0.2730, 0.2460



15.8807, 0.2980, 0.3108



5.4454, 0.1583, 0.0897



0.6071, 0.1651, 0.1144

Inverse Universe

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



51.6723, 0.3616, 0.3094



52.0899, 0.3750, 0.3055



82.5507, 0.3453, 0.4055



15.8247, 0.3253, 0.3230



10.3431, 0.5917, 0.3033



0.8760, 0.5547, 0.2829

Previews

White Background



This preview shows how the Yxy color 51.4639, 0.2633, 0.2656 looks on a white background.

Color Contrast Check

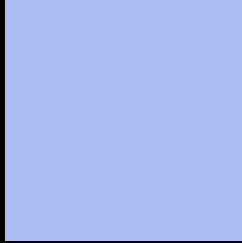
Large Text (above 18pt) WCAG AA × Fail

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 51.4639, 0.2633, 0.2656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

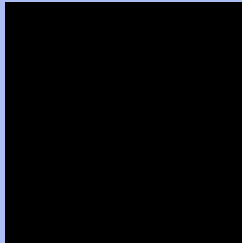
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.4639, 0.2633, 0.2656

Background



This preview shows how black text looks on a background with the Yxy color 51.4639, 0.2633, 0.2656.



This preview shows how white text looks on a background with the Yxy color 51.4639, 0.2633, 0.2656.

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

51.4639, 0.2633, 0.2656

Protanopia

51.5474, 0.2672, 0.2660

Deuteranopia

51.2922, 0.2685, 0.2620



Tritanopia

51.5759, 0.2790, 0.3097

Trichromacy



Original Color

51.4639, 0.2633, 0.2656

Protanomaly

51.3160, 0.2658, 0.2658

Deuteranomaly

51.3588, 0.2665, 0.2628

Tritanomaly

51.6293, 0.2733, 0.2928

Monochromacy



Original Color

51.4639, 0.2633, 0.2656

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 51.4639, 0.2633, 0.2656 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(171, 189, 242)  
}
```

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, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 189, 242) }
```

Border

The CSS property to change the border of an element to Yxy 51.4639, 0.2633, 0.2656 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, 242) }
```

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

```
.border{ border-color:rgb(171, 189, 242) }
```

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, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 189, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 189, 242);  
box-shadow:4px 4px 4px 4px rgb(171, 189,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4639, 0.2633, 0.2656 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, 242) }
```

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

```
.background{ background-color: rgb(171,  
189, 242) }
```

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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