

Converting Colors

$Yxy(51.2741, 0.2702, 0.2672)$

Have a look what the booklet for
Yxy(51.2741, 0.2702, 0.2672)
contains.

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Color

Yxy(51.3563, 0.2703, 0.2673)

Conversions

Conversions Part 1

Format	Color
Hex	B3BBEF
RGB	179, 187, 239
RGB Percent	70%, 73%, 94%
CMY	0.2982, 0.2666, 0.0627
CMYK	0.25, 0.22, 0.00, 0.06
HSL	232°, 65%, 82%
HSV	232°, 25%, 94%
XYZ	51.9327, 51.3563, 88.8408
YIQ	190.5360, -21.4600, 14.4760

Conversions

Conversions Part 2

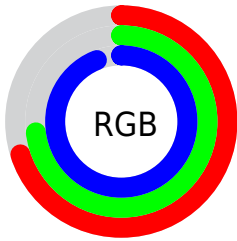
Format	Color
R _Y B	179, 186, 239
Decimal	11779055
CIE Lab	76.89, 8.36, -26.73
CIE LCh	77, 28.001, 287.362
Yxy	51.3563, 0.2703, 0.2673
Android (android.graphics.Color)	4289969135 (0xFFB3BBEF)
YUV	190.5360, 23.8928, -10.1171
Hunter-Lab	71.6633, 3.9439, -23.3373

Details

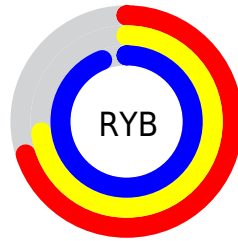
The Yxy color **51.3563, 0.2703, 0.2673** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.7238, 0.3526, 0.3840**, and the grayscale version is **51.6838, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1541, 0.3012, 0.3170**, and **24.8291, 0.2589, 0.2518** is the 20% darker color. If you saturate the color by 10%, you get **40.5972, 0.2508, 0.2379**, and if you desaturate by 10%, it is **63.8779, 0.2884, 0.2941**.

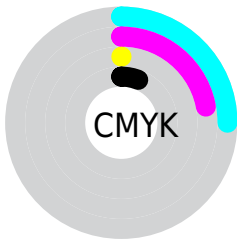
Distribution



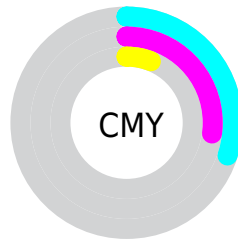
- Red (70%)
- Green (73%)
- Blue (94%)



- Red (70%)
- Yellow (73%)
- Blue (94%)



- Cyan (25%)
- Magenta (22%)
- Yellow (0%)
- Black (6%)



- Cyan (30%)
- Magenta (27%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.3563, 0.2703, 0.2673 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 51.3563, 0.2703, 0.2673 by changing the saturation by 10% instead.

■ 51.3563, 0.2703,
0.2673

■ 51.3563, 0.2703,
0.2673

391.9465, 0.2910,
0.2967

■ 36.4922, 0.2653,
0.2604

■ 92.1812, 0.2777,
0.2776

■ 24.8146, 0.2590,
0.2519

118.9109, 0.2805,
0.2816

■ 15.9390, 0.2509,
0.2410

150.3645, 0.2829,
0.2850

■ 9.4810, 0.2399,
0.2266

186.9266, 0.2850,
0.2880

■ 5.0562, 0.2246,
0.2069

228.9814, 0.2868,
0.2905

■ 2.2803, 0.2017,
0.1787

276.9134, 0.2884,

■ 0.7632, 0.1652,

0.2928

0.1352

331.1070, 0.2898,
0.2949

0.0000, 0.0000,
0.0000

51.3563, 0.2703,
0.2673

51.3563, 0.2703,
0.2673

40.5972, 0.2508,
0.2379

63.8779, 0.2884,
0.2941

31.5152, 0.2306,
0.2065

78.2300, 0.3049,
0.3179

24.0268, 0.2105,
0.1744

94.4848, 0.3197,
0.3389

18.0389, 0.1916,
0.1431

99.0124, 0.3220,
0.3444

13.4488, 0.1754,
0.1148

■ 10.1401, 0.1629,
0.0915

■ 7.9767, 0.1550,
0.0746

■ 7.2705, 0.1525,
0.0689

Harmonies

Analogous

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



51.3563, 0.2484, 0.2737



51.3563, 0.2703, 0.2673



51.3563, 0.3045, 0.2756

Triad

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



51.3563, 0.2703, 0.2673



51.3563, 0.3883, 0.3556



51.3563, 0.2809, 0.3653

Complementary

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



51.3563, 0.2703, 0.2673



78.7238, 0.3526, 0.3840

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.



51.3563, 0.3172, 0.3911



51.3563, 0.2703, 0.2673



51.3563, 0.3803, 0.3823

Square

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



51.3563, 0.2703, 0.2673



51.3563, 0.3745, 0.3246



51.3563, 0.3538, 0.3965



51.3563, 0.2541, 0.3289

Rectangle

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



51.3563, 0.2703, 0.2673



51.3563, 0.3304, 0.2882



51.3563, 0.3538, 0.3965



51.3563, 0.2923, 0.3757

Sweetspot

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



51.3584, 0.2703, 0.2673



85.5793, 0.3003, 0.3113



77.0277, 0.2806, 0.3391



17.7709, 0.2979, 0.3078



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.



51.3584, 0.2703, 0.2673



53.0418, 0.2607, 0.2530



50.7291, 0.2850, 0.2605



15.5709, 0.2980, 0.3079



4.1245, 0.1529, 0.0705



0.4500, 0.1581, 0.0892

Inverse Universe

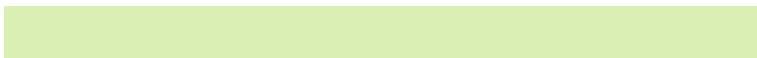
The Inverse Universe completely reimagines the original color for something new.



54.1617, 0.3588, 0.3203



56.9644, 0.3713, 0.3184



79.8928, 0.3357, 0.3950



15.7934, 0.3272, 0.3259



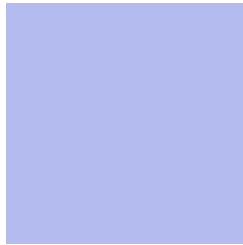
10.2097, 0.6225, 0.3203



0.8601, 0.5925, 0.3037

Previews

White Background



This preview shows how the Yxy color 51.3563, 0.2703, 0.2673 looks on a white background.

Color Contrast Check

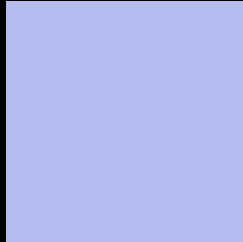
Large Text (above 18pt) WCAG AA × Fail

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 51.3563, 0.2703, 0.2673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

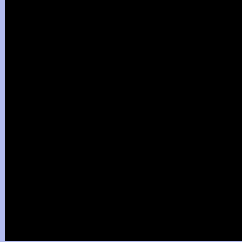
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.3563, 0.2703, 0.2673

Background



This preview shows how black text looks on a background with the Yxy color 51.3563, 0.2703, 0.2673.



This preview shows how white text looks on a background with the Yxy color 51.3563, 0.2703, 0.2673.

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

51.3563, 0.2703, 0.2673

Protanopia

51.5455, 0.2691, 0.2683

Deuteranopia

51.2949, 0.2723, 0.2664



Tritanopia

51.5782, 0.2866, 0.3100

Trichromacy



Original Color

51.3563, 0.2703, 0.2673

Protanomaly

51.6634, 0.2698, 0.2684

Deuteranomaly

51.1736, 0.2716, 0.2663

Tritanomaly

51.4900, 0.2806, 0.2943

Monochromacy



Original Color

51.3563, 0.2703, 0.2673

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.9458, 0.2971, 0.3068

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3563, 0.2703, 0.2673 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(179, 187, 239)` looks like.

```
.text, #text, p{  
    color:rgb(179, 187, 239)  
}
```

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(179, 187, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 187, 239) }
```

Border

The CSS property to change the border of an element to Yxy 51.3563, 0.2703, 0.2673 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(179, 187, 239) }
```

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

```
.border{ border-color:rgb(179, 187, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 187, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 187, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 187, 239);  
box-shadow:4px 4px 4px 4px rgb(179, 187,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3563, 0.2703, 0.2673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 187, 239) }
```

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

```
.background{ background-color: rgb(179,  
187, 239) }
```

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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