

Converting Colors

$Y_{xy}(55.1890, 0.2629, 0.2583)$

Have a look what the booklet for
Yxy(55.1890, 0.2629, 0.2583)
contains.

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Color

Yxy(55.1837, 0.2629, 0.2583)

Conversions

Conversions Part 1

Format	Color
Hex	B5C1FF
RGB	181, 193, 255
RGB Percent	71%, 76%, 100%
CMY	0.2904, 0.2431, 0.0000
CMYK	0.29, 0.24, 0.00, 0.00
HSL	230°, 100%, 85%
HSV	230°, 29%, 100%
XYZ	56.1665, 55.1837, 102.2917
YIQ	196.4800, -27.0540, 16.7380

Conversions

Conversions Part 2

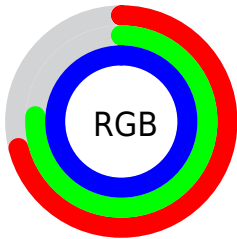
Format	Color
R_{YB}	181, 191, 255
Decimal	11911679
CIE _{Lab}	79.15, 9.47, -31.83
CIE _{LCh}	79, 33.211, 286.559
Yxy	55.1837, 0.2629, 0.2583
Android (android.graphics.Color)	4290101759 (0xFFB5C1FF)
YUV	196.4800, 28.8504, -13.5760
Hunter-Lab	74.2857, 4.9614, -29.6425

Details

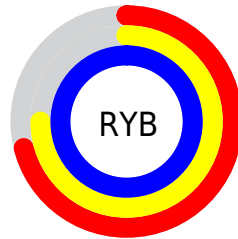
The Yxy color **55.1837, 0.2629, 0.2583** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.6516, 0.3599, 0.3910**, and the grayscale version is **55.3378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1485, 0.3024, 0.3231**, and **27.2690, 0.2501, 0.2421** is the 20% darker color. If you saturate the color by 10%, you get **43.6143, 0.2432, 0.2289**, and if you desaturate by 10%, it is **68.6834, 0.2815, 0.2853**.

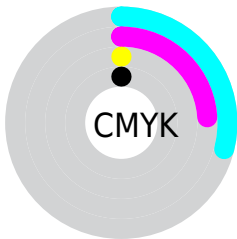
Distribution



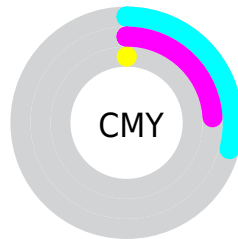
- Red (71%)
- Green (76%)
- Blue (100%)



- Red (71%)
- Yellow (75%)
- Blue (100%)



- Cyan (29%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.1837, 0.2629, 0.2583 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 55.1837, 0.2629, 0.2583 by changing the saturation by 10% instead.

■ 55.1837, 0.2629,
0.2583

■ 55.1837, 0.2629,
0.2583

406.6079, 0.2868,
0.2913

■ 39.5488, 0.2573,
0.2508

■ 97.8101, 0.2714,
0.2698

■ 27.1869, 0.2502,
0.2415

125.5703, 0.2746,
0.2742

■ 17.7137, 0.2413,
0.2298

158.1412, 0.2774,
0.2781

■ 10.7446, 0.2294,
0.2147

195.9070, 0.2798,
0.2814

■ 5.8954, 0.2132,
0.1945

239.2522, 0.2819,
0.2843

■ 2.7816, 0.1899,
0.1666

288.5611, 0.2837,

■ 1.0188, 0.1546,

0.2869

0.1266

344.2182, 0.2854,
0.2892

0.0000, 0.0506,
0.0000

0.0000, 0.0000,
0.0000

55.1837, 0.2629,
0.2583

55.1837, 0.2629,
0.2583

43.6143, 0.2432,
0.2289

68.6834, 0.2815,
0.2853

33.8799, 0.2232,
0.1979

84.1900, 0.2986,
0.3095

25.8866, 0.2036,
0.1665

99.9995, 0.3127,
0.3290

19.5295, 0.1859,
0.1365

■ 14.6919, 0.1711,
0.1098

■ 11.2409, 0.1603,
0.0883

■ 9.0076, 0.1538,
0.0730

■ 8.8436, 0.1533,
0.0719

Harmonies

Analogous

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



55.1837, 0.2385, 0.2656



55.1837, 0.2629, 0.2583



55.1837, 0.3018, 0.2675

Triad

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



55.1837, 0.2629, 0.2583



55.1837, 0.4002, 0.3579



55.1837, 0.2767, 0.3724

Complementary

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



55.1837, 0.2629, 0.2583



88.6516, 0.3599, 0.3910

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.



55.1837, 0.3187, 0.4021



55.1837, 0.2629, 0.2583



55.1837, 0.3912, 0.3892

Square

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



55.1837, 0.2629, 0.2583



55.1837, 0.3836, 0.3225



55.1837, 0.3608, 0.4071



55.1837, 0.2458, 0.3296

Rectangle

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



55.1837, 0.2629, 0.2583



55.1837, 0.3318, 0.2815



55.1837, 0.3608, 0.4071



55.1837, 0.2899, 0.3846

Sweetspot

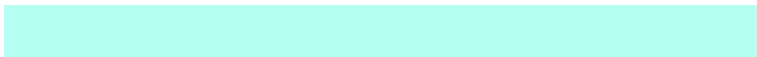
The Sweet Spot groups the original color and five complimentary colors.



55.1859, 0.2629, 0.2583



84.2539, 0.2987, 0.3096



87.7837, 0.2766, 0.3423



17.5232, 0.2963, 0.3063



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.



55.1859, 0.2629, 0.2583



48.0607, 0.2513, 0.2410



53.3183, 0.2787, 0.2480



17.8557, 0.2979, 0.3085



4.7611, 0.1538, 0.0738



0.5928, 0.1587, 0.0912

Inverse Universe

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



58.1390, 0.3669, 0.3166



51.7488, 0.3828, 0.3139



91.7245, 0.3401, 0.4060



18.0353, 0.3269, 0.3252



11.2086, 0.6170, 0.3173



1.1044, 0.5892, 0.3020

Previews

White Background



This preview shows how the Yxy color 55.1837, 0.2629, 0.2583 looks on a white background.

Color Contrast Check

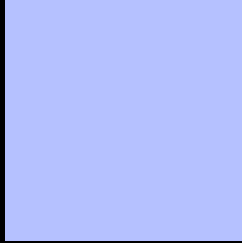
Large Text (above 18pt) WCAG AA × Fail

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 55.1837, 0.2629, 0.2583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

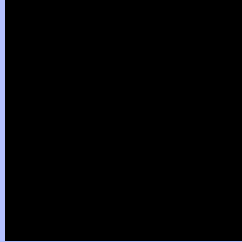
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.1837, 0.2629, 0.2583

Background



This preview shows how black text looks on a background with the Yxy color 55.1837, 0.2629, 0.2583.



This preview shows how white text looks on a background with the Yxy color 55.1837, 0.2629, 0.2583.

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

55.1837, 0.2629, 0.2583

Protanopia

54.9436, 0.2616, 0.2580

Deuteranopia

54.9866, 0.2641, 0.2574



Tritanopia

55.1507, 0.2819, 0.3092

Trichromacy



Original Color

55.1837, 0.2629, 0.2583

Protanomaly

55.0632, 0.2623, 0.2582

Deuteranomaly

54.8644, 0.2634, 0.2572

Tritanomaly

54.8758, 0.2749, 0.2892

Monochromacy



Original Color

55.1837, 0.2629, 0.2583

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.1163, 0.2939, 0.3027

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1837, 0.2629, 0.2583 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, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 193, 255)  
}
```

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, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 193, 255) }
```

Border

The CSS property to change the border of an element to Yxy 55.1837, 0.2629, 0.2583 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, 193, 255) }
```

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

```
.border{ border-color:rgb(181, 193, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(181, 193,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1837, 0.2629, 0.2583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 193, 255) }
```

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

```
.background{ background-color: rgb(181,  
193, 255) }
```

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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