

Converting Colors

$Y_{xy}(56.4650, 0.2543, 0.2460)$

Have a look what the booklet for
Yxy(56.4650, 0.2543, 0.2460)
contains.

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Color

Yxy(55.3873, 0.2618, 0.2592)

Conversions

Conversions Part 1

Format	Color
Hex	B3C2FF
RGB	179, 194, 255
RGB Percent	70%, 76%, 100%
CMY	0.2978, 0.2393, 0.0000
CMYK	0.30, 0.24, 0.00, 0.00
HSL	228°, 100%, 85%
HSV	228°, 30%, 100%
XYZ	55.9429, 55.3873, 102.3554
YIQ	196.4690, -28.5210, 15.7910

Conversions

Conversions Part 2

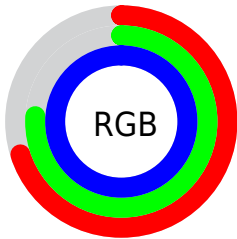
Format	Color
R_{YB}	179, 192, 255
Decimal	11780863
CIE _{Lab}	79.26, 8.40, -31.67
CIE _{LCh}	79, 32.769, 284.860
Yxy	55.3873, 0.2618, 0.2592
Android (android.graphics.Color)	4289970943 (0xFFB3C2FF)
YUV	196.4690, 28.8558, -15.3203
Hunter-Lab	74.4226, 3.9373, -29.4472

Details

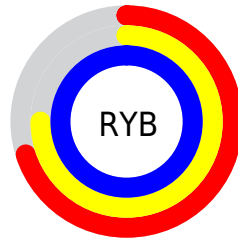
The Yxy color **55.3873, 0.2618, 0.2592** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.8806, 0.3618, 0.3902**, and the grayscale version is **55.3406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4241, 0.3012, 0.3240**, and **27.4121, 0.2488, 0.2433** is the 20% darker color. If you saturate the color by 10%, you get **44.1262, 0.2424, 0.2309**, and if you desaturate by 10%, it is **68.4708, 0.2803, 0.2853**.

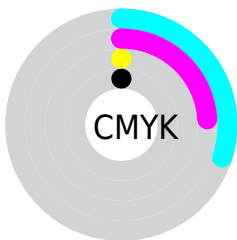
Distribution



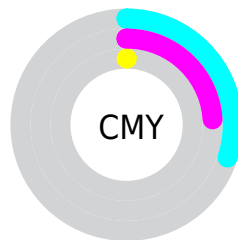
- Red (70%)
- Green (76%)
- Blue (100%)



- Red (70%)
- Yellow (75%)
- Blue (100%)



- Cyan (30%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.3873, 0.2618, 0.2592 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 55.3873, 0.2618, 0.2592 by changing the saturation by 10% instead.

■ 55.3873, 0.2618,
0.2592

■ 55.3873, 0.2618,
0.2592

407.3784, 0.2862,
0.2918

■ 39.7119, 0.2561,
0.2517

■ 98.1082, 0.2704,
0.2705

■ 27.3140, 0.2489,
0.2426

125.9224, 0.2737,
0.2749

■ 17.8092, 0.2398,
0.2310

158.5518, 0.2766,
0.2787

■ 10.8131, 0.2278,
0.2160

196.3806, 0.2790,
0.2820

■ 5.9413, 0.2113,
0.1959

239.7932, 0.2812,
0.2849

■ 2.8094, 0.1878,
0.1681

289.1742, 0.2830,

■ 1.0331, 0.1523,

0.2875

0.1282

344.9077, 0.2847,
0.2898

0.0000, 0.0459,
0.0000

0.0000, 0.0000,
0.0000

55.3873, 0.2618,
0.2592

55.3873, 0.2618,
0.2592

44.1262, 0.2424,
0.2309

68.4708, 0.2803,
0.2853

34.6003, 0.2227,
0.2009

83.4485, 0.2974,
0.3087

26.7228, 0.2036,
0.1705

100.0000, 0.3127,
0.3290

20.3967, 0.1863,
0.1412

■ 15.5148, 0.1719,
0.1148

■ 11.9547, 0.1613,
0.0930

■ 9.5542, 0.1547,
0.0769

■ 9.5117, 0.1546,
0.0766

Harmonies

Analogous

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



55.3873, 0.2386, 0.2674



55.3873, 0.2618, 0.2592



55.3873, 0.2996, 0.2674

Triad

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



55.3873, 0.2618, 0.2592



55.3873, 0.3987, 0.3556



55.3873, 0.2794, 0.3739

Complementary

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



55.3873, 0.2618, 0.2592



86.8806, 0.3618, 0.3902

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.



55.3873, 0.3211, 0.4019



55.3873, 0.2618, 0.2592



55.3873, 0.3913, 0.3870

Square

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



55.3873, 0.2618, 0.2592



55.3873, 0.3810, 0.3207



55.3873, 0.3623, 0.4055



55.3873, 0.2481, 0.3320

Rectangle

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



55.3873, 0.2618, 0.2592



55.3873, 0.3290, 0.2808



55.3873, 0.3623, 0.4055



55.3873, 0.2926, 0.3855

Sweetspot

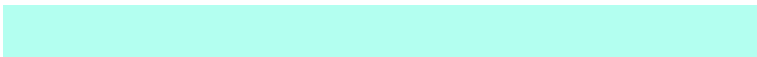
The Sweet Spot groups the original color and five complimentary colors.



55.3890, 0.2618, 0.2592



84.6987, 0.2987, 0.3104



87.3911, 0.2770, 0.3455



17.6320, 0.2963, 0.3072



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.



55.3890, 0.2618, 0.2592



48.1748, 0.2498, 0.2418



52.0193, 0.2758, 0.2453



17.9556, 0.2979, 0.3093



5.1329, 0.1552, 0.0788



0.6433, 0.1605, 0.0977

Inverse Universe

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



57.4191, 0.3665, 0.3136



50.8717, 0.3826, 0.3102



91.9695, 0.3425, 0.4077



18.0454, 0.3263, 0.3244



11.2461, 0.6089, 0.3128



1.1095, 0.5793, 0.2965

Previews

White Background



This preview shows how the Yxy color 55.3873, 0.2618, 0.2592 looks on a white background.

Color Contrast Check

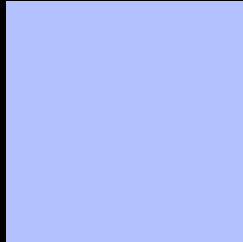
Large Text (above 18pt) WCAG AA × Fail

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 55.3873, 0.2618, 0.2592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

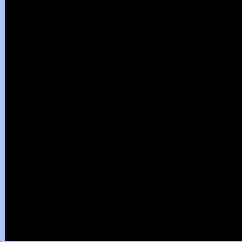
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.3873, 0.2618, 0.2592

Background



This preview shows how black text looks on a background with the Yxy color 55.3873, 0.2618, 0.2592.



This preview shows how white text looks on a background with the Yxy color 55.3873, 0.2618, 0.2592.

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

55.3873, 0.2618, 0.2592

Protanopia

55.5069, 0.2624, 0.2593

Deuteranopia

55.4272, 0.2642, 0.2585



Tritanopia

55.4410, 0.2799, 0.3091

Trichromacy



Original Color

55.3873, 0.2618, 0.2592

Protanomaly

55.5069, 0.2624, 0.2593

Deuteranomaly

55.3050, 0.2636, 0.2584

Tritanomaly

55.1564, 0.2730, 0.2892

Monochromacy



Original Color

55.3873, 0.2618, 0.2592

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.9871, 0.2932, 0.3026

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3873, 0.2618, 0.2592 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, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 194, 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(179, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 194, 255) }
```

Border

The CSS property to change the border of an element to Yxy 55.3873, 0.2618, 0.2592 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, 194, 255) }
```

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

```
.border{ border-color:rgb(179, 194, 255) }
```

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

Here you see how a box with a 4 pixel rgb(179, 194, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 194,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3873, 0.2618, 0.2592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 194, 255) }
```

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

```
.background{ background-color: rgb(179,  
194, 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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