

Converting Colors

$Yxy(55.6732, 0.2839, 0.2836)$

Have a look what the booklet for
Yxy(55.6732, 0.2839, 0.2836)
contains.

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Color

Yxy(55.6732, 0.2839, 0.2836)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C0C2E9 |
| RGB | 192, 194, 233 |
| RGB Percent | 75%, 76%, 91% |
| CMY | 0.2472, 0.2392, 0.0862 |
| CMYK | 0.18, 0.17, 0.00, 0.09 |
| HSL | 237°, 48%, 83% |
| HSV | 237°, 18%, 91% |
| XYZ | 55.7321, 55.6732, 84.9036 |
| YIQ | 197.8480, -13.7110, 11.7050 |

Conversions

Conversions Part 2

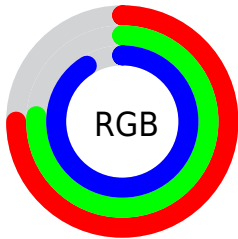
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 192, 194, 233 |
| Decimal | 12632809 |
| CIE _{Lab} | 79.43, 7.17, -19.55 |
| CIE _{LCh} | 79, 20.829, 290.140 |
| Yxy | 55.6732, 0.2839, 0.2836 |
| Android (android.graphics.Color) | 4290822889 (0xFFC0C2E9) |
| YUV | 197.8480, 17.3299, -5.1287 |
| Hunter-Lab | 74.6145, 2.7524, -15.2358 |

Details

The Yxy color $55.6732, 0.2839, 0.2836$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $78.2590, 0.3395, 0.3707$, and the grayscale version is $56.2726, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.7310, 0.3092, 0.3242$, and $27.3338, 0.2765, 0.2719$ is the 20% darker color. If you saturate the color by 10%, you get $43.7392, 0.2649, 0.2534$, and if you desaturate by 10%, it is $69.5613, 0.3010, 0.3106$.

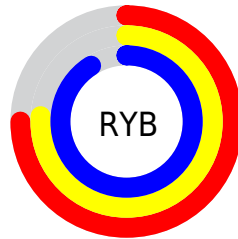
Distribution



Red (75%)

Green (76%)

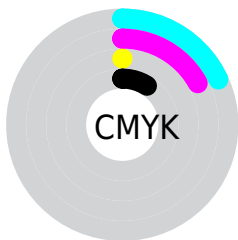
Blue (91%)



Red (75%)

Yellow (76%)

Blue (91%)

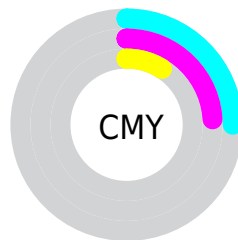


Cyan (18%)

Magenta (17%)

Yellow (0%)

Black (9%)



Cyan (25%)

Magenta (24%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.6732, 0.2839, 0.2836 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 55.6732, 0.2839, 0.2836 by changing the saturation by 10% instead.

■ 55.6732, 0.2839,
0.2836

■ 55.6732, 0.2839,
0.2836

■ 408.4588, 0.2979,
0.3051

■ 39.9410, 0.2805,
0.2786

■ 98.5266, 0.2889,
0.2912

■ 27.4925, 0.2763,
0.2723

■ 126.4166, 0.2908,
0.2941

■ 17.9435, 0.2709,
0.2643

■ 159.1279, 0.2924,
0.2966

■ 10.9094, 0.2635,
0.2537

■ 197.0450, 0.2938,
0.2987

■ 6.0059, 0.2531,
0.2390

■ 240.5522, 0.2950,
0.3006

■ 2.8487, 0.2373,
0.2176

■ 290.0340, 0.2961,

■ 1.0533, 0.2112,

0.3023

0.1838

345.8747, 0.2970,
0.3038

0.0000, 0.0790,
0.0000

0.0000, 0.0000,
0.0000

55.6732, 0.2839,
0.2836

55.6732, 0.2839,
0.2836

43.7392, 0.2649,
0.2534

69.5613, 0.3010,
0.3106

33.6651, 0.2445,
0.2206

85.4784, 0.3162,
0.3344

25.3593, 0.2234,
0.1862

98.6636, 0.3256,
0.3503

18.7196, 0.2026,
0.1521

■ 13.6336, 0.1837,
0.1206

■ 9.9747, 0.1682,
0.0942

■ 7.5965, 0.1574,
0.0750

■ 6.3173, 0.1516,
0.0639

■ 6.1373, 0.1507,
0.0623

Harmonies

Analogous

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



55.6732, 0.2665, 0.2878



55.6732, 0.2839, 0.2836



55.6732, 0.3096, 0.2906

Triad

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



55.6732, 0.2839, 0.2836



55.6732, 0.3674, 0.3512



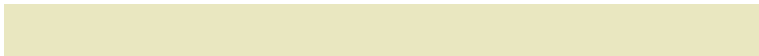
55.6732, 0.2876, 0.3528

Complementary

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



55.6732, 0.2839, 0.2836



78.2590, 0.3395, 0.3707

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.



55.6732, 0.3139, 0.3719



55.6732, 0.2839, 0.2836



55.6732, 0.3605, 0.3696

Square

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



55.6732, 0.2839, 0.2836



55.6732, 0.3588, 0.3284



55.6732, 0.3407, 0.3779



55.6732, 0.2685, 0.3269

Rectangle

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



55.6732, 0.2839, 0.2836



55.6732, 0.3284, 0.3005



55.6732, 0.3407, 0.3779



55.6732, 0.2958, 0.3603

Sweetspot

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



55.6755, 0.2839, 0.2836



90.1743, 0.3051, 0.3171



75.2509, 0.2874, 0.3312



19.0164, 0.3040, 0.3153



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.



55.6755, 0.2839, 0.2836



62.9427, 0.2775, 0.2734



57.3343, 0.2974, 0.2830



14.6693, 0.2980, 0.3059



3.5342, 0.1509, 0.0632



0.3201, 0.1533, 0.0717

Inverse Universe

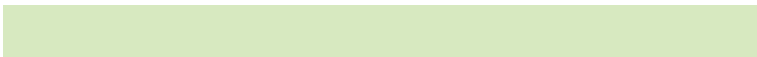
The Inverse Universe completely reimagines the original color for something new.



58.9055, 0.3450, 0.3268



67.6088, 0.3531, 0.3264



76.4634, 0.3260, 0.3746



15.0662, 0.3285, 0.3279



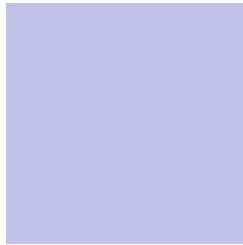
9.8496, 0.6347, 0.3270



0.7777, 0.6205, 0.3192

Previews

White Background



This preview shows how the Yxy color 55.6732, 0.2839, 0.2836 looks on a white background.

Color Contrast Check

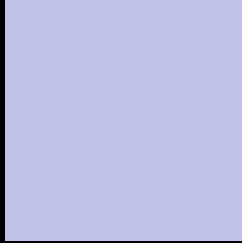
Large Text (above 18pt) WCAG AA × Fail

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 55.6732, 0.2839, 0.2836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

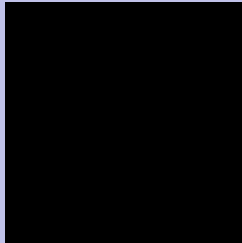
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.6732, 0.2839, 0.2836

Background



This preview shows how black text looks on a background with the Yxy color 55.6732, 0.2839, 0.2836.



This preview shows how white text looks on a background with the Yxy color 55.6732, 0.2839, 0.2836.

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

55.6732, 0.2839, 0.2836

Protanopia

55.7895, 0.2812, 0.2834

Deuteranopia

55.5882, 0.2882, 0.2818



Tritanopia

55.4280, 0.2945, 0.3096

Trichromacy



Original Color

55.6732, 0.2839, 0.2836

Protanomaly

55.9179, 0.2819, 0.2835

Deuteranomaly

55.7589, 0.2868, 0.2828

Tritanomaly

55.4660, 0.2904, 0.3003

Monochromacy



Original Color

55.6732, 0.2839, 0.2836

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.3714, 0.3019, 0.3123

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6732, 0.2839, 0.2836 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(192, 194, 233)` looks like.

```
.text, #text, p{  
    color:rgb(192, 194, 233)  
}
```

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(192, 194, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 194, 233) }
```

Border

The CSS property to change the border of an element to Yxy 55.6732, 0.2839, 0.2836 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(192, 194, 233) }
```

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

```
.border{ border-color:rgb(192, 194, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 194, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 194, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 194, 233);  
box-shadow:4px 4px 4px 4px rgb(192, 194,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6732, 0.2839, 0.2836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 194, 233) }
```

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

```
.background{ background-color: rgb(192,  
194, 233) }
```

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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