

Converting Colors

$Y_{xy}(55.2772, 0.2841, 0.2801)$

Have a look what the booklet for
Yxy(55.2772, 0.2841, 0.2801)
contains.

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Color

Yxy(55.1668, 0.2839, 0.2793)

Conversions

Conversions Part 1

Format	Color
Hex	C2C0EB
RGB	194, 192, 235
RGB Percent	76%, 75%, 92%
CMY	0.2395, 0.2469, 0.0785
CMYK	0.17, 0.18, 0.00, 0.08
HSL	243°, 52%, 84%
HSV	243°, 18%, 92%
XYZ	56.0754, 55.1668, 86.2759
YIQ	197.5000, -12.6110, 13.7970

Conversions

Conversions Part 2

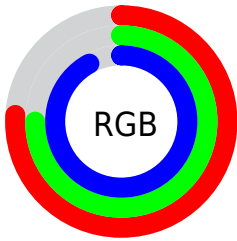
Format	Color
R_{YB}	194, 192, 235
Decimal	12763371
CIE Lab	79.14, 9.28, -21.04
CIE LCh	79, 22.997, 293.799
Yxy	55.1668, 0.2839, 0.2793
Android (android.graphics.Color)	4290953451 (0xFFC2C0EB)
YUV	197.5000, 18.4875, -3.0695
Hunter-Lab	74.2744, 4.7832, -16.8783

Details

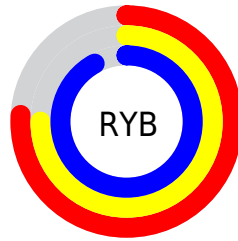
The Yxy color $55.1668, 0.2839, 0.2793$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $80.5533, 0.3389, 0.3747$, and the grayscale version is $56.0392, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.8640, 0.3105, 0.3223$, and $27.2954, 0.2766, 0.2678$ is the 20% darker color. If you saturate the color by 10%, you get $42.9089, 0.2653, 0.2475$, and if you desaturate by 10%, it is $69.5260, 0.3005, 0.3079$.

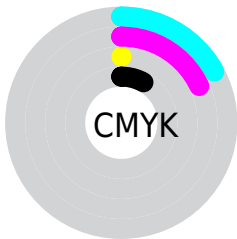
Distribution



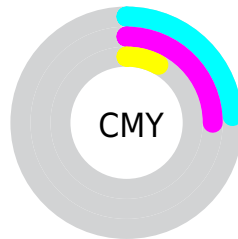
- Red (76%)
- Green (75%)
- Blue (92%)



- Red (76%)
- Yellow (75%)
- Blue (92%)



- Cyan (17%)
- Magenta (18%)
- Yellow (0%)
- Black (8%)



- Cyan (24%)
- Magenta (25%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.1668, 0.2839, 0.2793 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 55.1668, 0.2839, 0.2793 by changing the saturation by 10% instead.

■ 55.1668, 0.2839,
0.2793

■ 55.1668, 0.2839,
0.2793

406.5439, 0.2979,
0.3028

■ 39.5353, 0.2805,
0.2738

■ 97.7853, 0.2889,
0.2875

■ 27.1764, 0.2763,
0.2670

125.5411, 0.2908,
0.2907

■ 17.7057, 0.2707,
0.2584

158.1071, 0.2924,
0.2934

■ 10.7389, 0.2633,
0.2469

195.8676, 0.2938,
0.2958

■ 5.8916, 0.2527,
0.2312

239.2072, 0.2951,
0.2979

■ 2.7793, 0.2367,
0.2084

288.5102, 0.2961,

■ 1.0176, 0.2102,

0.2997

0.1728

344.1610, 0.2971,
0.3013

0.0000, 0.0869,
0.0000

0.0000, 0.0000,
0.0000

55.1668, 0.2839,
0.2793

55.1668, 0.2839,
0.2793

42.9089, 0.2653,
0.2475

69.5260, 0.3005,
0.3079

32.6473, 0.2451,
0.2133

86.0712, 0.3151,
0.3331

24.2784, 0.2240,
0.1778

98.7771, 0.3244,
0.3483

17.6864, 0.2032,
0.1433

■ 12.7429, 0.1842,
0.1122

■ 9.3023, 0.1686,
0.0872

■ 7.1933, 0.1576,
0.0702

■ 6.1799, 0.1516,
0.0616

■ 6.0638, 0.1510,
0.0606

Harmonies

Analogous

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



55.1668, 0.2634, 0.2822



55.1668, 0.2839, 0.2793



55.1668, 0.3130, 0.2884

Triad

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



55.1668, 0.2839, 0.2793



55.1668, 0.3733, 0.3562



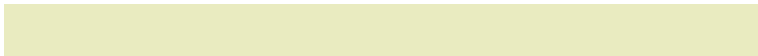
55.1668, 0.2817, 0.3521

Complementary

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



55.1668, 0.2839, 0.2793



80.5533, 0.3389, 0.3747

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.



55.1668, 0.3101, 0.3749



55.1668, 0.2839, 0.2793



55.1668, 0.3636, 0.3757

Square

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



55.1668, 0.2839, 0.2793



55.1668, 0.3659, 0.3313



55.1668, 0.3402, 0.3833



55.1668, 0.2621, 0.3230

Rectangle

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



55.1668, 0.2839, 0.2793



55.1668, 0.3337, 0.2999



55.1668, 0.3402, 0.3833



55.1668, 0.2905, 0.3609

Sweetspot

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



55.1691, 0.2839, 0.2793



89.8942, 0.3055, 0.3165



75.7979, 0.2852, 0.3273



18.9487, 0.3044, 0.3146



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.



55.1691, 0.2839, 0.2793



60.4893, 0.2770, 0.2675



58.1481, 0.2995, 0.2815



14.5805, 0.2987, 0.3047



3.3896, 0.1514, 0.0608



0.2773, 0.1551, 0.0628

Inverse Universe

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



61.2609, 0.3162, 0.2856



69.1230, 0.3170, 0.2764



77.2221, 0.3240, 0.3769



15.3017, 0.3145, 0.3068



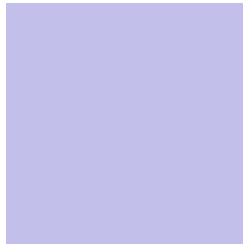
12.8504, 0.3322, 0.1604



1.0126, 0.3305, 0.1594

Previews

White Background



This preview shows how the Yxy color 55.1668, 0.2839, 0.2793 looks on a white background.

Color Contrast Check

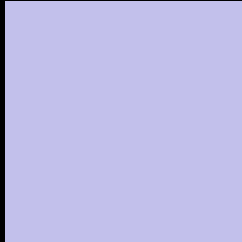
Large Text (above 18pt) WCAG AA × Fail

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 55.1668, 0.2839, 0.2793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

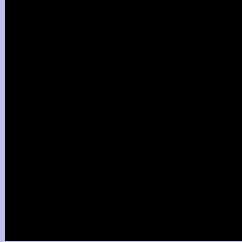
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.1668, 0.2839, 0.2793

Background



This preview shows how black text looks on a background with the Yxy color 55.1668, 0.2839, 0.2793.



This preview shows how white text looks on a background with the Yxy color 55.1668, 0.2839, 0.2793.

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

55.1668, 0.2839, 0.2793

Protanopia

55.2045, 0.2785, 0.2799

Deuteranopia

54.9955, 0.2853, 0.2783



Tritanopia

55.1805, 0.2966, 0.3097

Trichromacy



Original Color

55.1668, 0.2839, 0.2793

Protanomaly

55.1432, 0.2805, 0.2790

Deuteranomaly

54.8619, 0.2846, 0.2782

Tritanomaly

55.2739, 0.2919, 0.2992

Monochromacy



Original Color

55.1668, 0.2839, 0.2793

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.4691, 0.3019, 0.3099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1668, 0.2839, 0.2793 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(194, 192, 235)` looks like.

```
.text, #text, p{  
    color:rgb(194, 192, 235)  
}
```

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(194, 192, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 192, 235) }
```

Border

The CSS property to change the border of an element to Yxy 55.1668, 0.2839, 0.2793 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(194, 192, 235) }
```

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

```
.border{ border-color:rgb(194, 192, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 192, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 192, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 192, 235);  
box-shadow:4px 4px 4px 4px rgb(194, 192,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1668, 0.2839, 0.2793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 192, 235) }
```

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

```
.background{ background-color: rgb(194,  
192, 235) }
```

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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