

Converting Colors

$Yxy(55.2466, 0.2859, 0.2847)$

Have a look what the booklet for
Yxy(55.2466, 0.2859, 0.2847)
contains.

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Color

Yxy(55.2469, 0.2859, 0.2847)

Conversions

Conversions Part 1

Format	Color
Hex	C1C1E7
RGB	193, 193, 231
RGB Percent	76%, 76%, 91%
CMY	0.2432, 0.2431, 0.0942
CMYK	0.16, 0.16, 0.00, 0.09
HSL	240°, 44%, 83%
HSV	240°, 16%, 91%
XYZ	55.4798, 55.2469, 83.3264
YIQ	197.3320, -12.1980, 11.8180

Conversions

Conversions Part 2

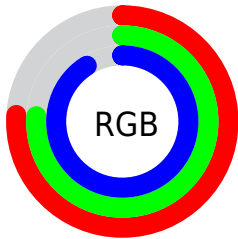
Format	Color
R _Y B	193, 193, 231
Decimal	12698087
CIE Lab	79.18, 7.59, -18.83
CIE LCh	79, 20.302, 291.959
Yxy	55.2469, 0.2859, 0.2847
Android (android.graphics.Color)	4290888167 (0xFFC1C1E7)
YUV	197.3320, 16.5983, -3.7992
Hunter-Lab	74.3283, 3.1607, -14.4378

Details

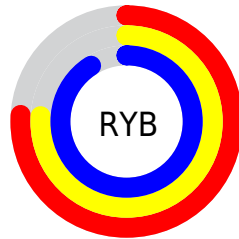
The Yxy color **55.2469, 0.2859, 0.2847** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.9585, 0.3374, 0.3698**, and the grayscale version is **55.9484, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2954, 0.3098, 0.3232**, and **27.3403, 0.2791, 0.2748** is the 20% darker color. If you saturate the color by 10%, you get **43.0265, 0.2669, 0.2533**, and if you desaturate by 10%, it is **69.5381, 0.3029, 0.3128**.

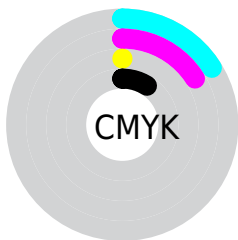
Distribution



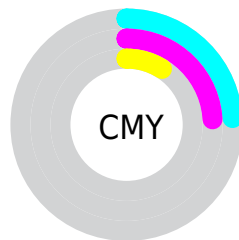
- Red (76%)
- Green (76%)
- Blue (91%)



- Red (76%)
- Yellow (76%)
- Blue (91%)



- Cyan (16%)
- Magenta (16%)
- Yellow (0%)
- Black (9%)



- Cyan (24%)
- Magenta (24%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.2469, 0.2859, 0.2847 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 55.2469, 0.2859, 0.2847 by changing the saturation by 10% instead.

■ 55.2469, 0.2859,
0.2847

■ 55.2469, 0.2859,
0.2847

406.8472, 0.2990,
0.3057

■ 39.5994, 0.2828,
0.2798

■ 97.9026, 0.2906,
0.2921

■ 27.2264, 0.2788,
0.2736

125.6796, 0.2923,
0.2949

■ 17.7433, 0.2737,
0.2658

158.2686, 0.2938,
0.2974

■ 10.7659, 0.2667,
0.2554

196.0540, 0.2951,
0.2995

■ 5.9096, 0.2568,
0.2409

239.4202, 0.2963,
0.3013

■ 2.7902, 0.2418,
0.2198

288.7515, 0.2973,

■ 1.0232, 0.2167,

0.3030

0.1861

344.4323, 0.2982,
0.3044

0.0000, 0.0742,
0.0000

0.0000, 0.0000,
0.0000

55.2469, 0.2859,
0.2847

55.2469, 0.2859,
0.2847

43.0265, 0.2669,
0.2533

69.5381, 0.3029,
0.3128

32.7745, 0.2462,
0.2191

85.9825, 0.3178,
0.3373

24.3900, 0.2246,
0.1834

98.5485, 0.3268,
0.3523

17.7607, 0.2033,
0.1482

■ 12.7619, 0.1839,
0.1161

■ 9.2528, 0.1680,
0.0898

■ 7.0688, 0.1570,
0.0716

■ 6.0034, 0.1513,
0.0622

■ 5.7728, 0.1500,
0.0600

Harmonies

Analogous

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



55.2469, 0.2682, 0.2881



55.2469, 0.2859, 0.2847



55.2469, 0.3114, 0.2921

Triad

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



55.2469, 0.2859, 0.2847



55.2469, 0.3661, 0.3520



55.2469, 0.2868, 0.3508

Complementary

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



55.2469, 0.2859, 0.2847



77.9585, 0.3374, 0.3698

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.



55.2469, 0.3122, 0.3701



55.2469, 0.2859, 0.2847



55.2469, 0.3586, 0.3695

Square

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



55.2469, 0.2859, 0.2847



55.2469, 0.3586, 0.3298



55.2469, 0.3386, 0.3768



55.2469, 0.2687, 0.3255

Rectangle

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



55.2469, 0.2859, 0.2847



55.2469, 0.3296, 0.3021



55.2469, 0.3386, 0.3768



55.2469, 0.2947, 0.3583

Sweetspot

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



55.2492, 0.2859, 0.2847



89.8012, 0.3051, 0.3165



74.2092, 0.2882, 0.3296



18.9262, 0.3040, 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.



55.2492, 0.2859, 0.2847



63.2639, 0.2792, 0.2736



57.8001, 0.2995, 0.2864



13.8892, 0.2980, 0.3047



3.2378, 0.1500, 0.0601



0.2400, 0.1501, 0.0602

Inverse Universe

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



58.9681, 0.3440, 0.3291



68.8075, 0.3527, 0.3291



75.0794, 0.3242, 0.3715



14.3682, 0.3292, 0.3290



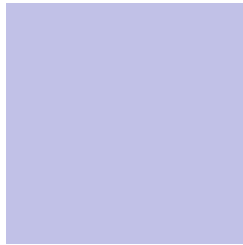
9.5246, 0.6400, 0.3299



0.7039, 0.6397, 0.3298

Previews

White Background



This preview shows how the Yxy color 55.2469, 0.2859, 0.2847 looks on a white background.

Color Contrast Check

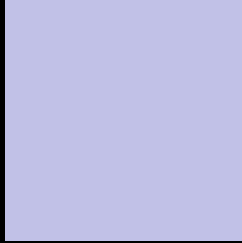
Large Text (above 18pt) WCAG AA × Fail

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 55.2469, 0.2859, 0.2847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

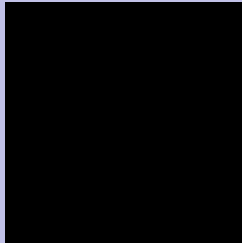
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.2469, 0.2859, 0.2847

Background



This preview shows how black text looks on a background with the Yxy color 55.2469, 0.2859, 0.2847.



This preview shows how white text looks on a background with the Yxy color 55.2469, 0.2859, 0.2847.

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

55.2469, 0.2859, 0.2847

Protanopia

55.1011, 0.2817, 0.2843

Deuteranopia

55.0369, 0.2895, 0.2828



Tritanopia

55.1805, 0.2966, 0.3097

Trichromacy



Original Color

55.2469, 0.2859, 0.2847

Protanomaly

55.3569, 0.2831, 0.2845

Deuteranomaly

55.2046, 0.2880, 0.2838

Tritanomaly

55.2211, 0.2926, 0.3004

Monochromacy



Original Color

55.2469, 0.2859, 0.2847

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.8191, 0.3033, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2469, 0.2859, 0.2847 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(193, 193, 231)` looks like.

```
.text, #text, p{  
    color:rgb(193, 193, 231)  
}
```

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(193, 193, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 193, 231) }
```

Border

The CSS property to change the border of an element to Yxy 55.2469, 0.2859, 0.2847 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(193, 193, 231) }
```

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

```
.border{ border-color:rgb(193, 193, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 193, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 193, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 193, 231);  
box-shadow:4px 4px 4px 4px rgb(193, 193,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2469, 0.2859, 0.2847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 193, 231) }
```

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

```
.background{ background-color: rgb(193,  
193, 231) }
```

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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