

Converting Colors

$Yxy(55.3130, 0.2774, 0.2868)$

Have a look what the booklet for
Yxy(55.3130, 0.2774, 0.2868)
contains.

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Color

Yxy(55.1298, 0.2770, 0.2861)

Conversions

Conversions Part 1

Format	Color
Hex	B5C4E8
RGB	181, 196, 232
RGB Percent	71%, 77%, 91%
CMY	0.2899, 0.2314, 0.0901
CMYK	0.22, 0.16, 0.00, 0.09
HSL	222°, 53%, 81%
HSV	222°, 22%, 91%
XYZ	53.3763, 55.1298, 84.1881
YIQ	195.6190, -20.4960, 8.0160

Conversions

Conversions Part 2

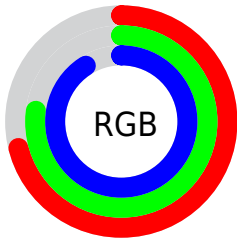
Format	Color
R _Y B	181, 193, 232
Decimal	11912424
CIE Lab	79.12, 2.53, -19.57
CIE LCh	79, 19.737, 277.372
Yxy	55.1298, 0.2770, 0.2861
Android (android.graphics.Color)	4290102504 (0xFFB5C4E8)
YUV	195.6190, 17.9358, -12.8209
Hunter-Lab	74.2494, -1.6168, -15.2516

Details

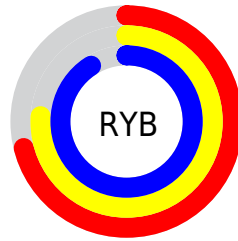
The Yxy color $55.1298, 0.2770, 0.2861$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $70.1835, 0.3490, 0.3685$, and the grayscale version is $54.8700, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.4751, 0.3017, 0.3270$, and $26.9926, 0.2676, 0.2750$ is the 20% darker color. If you saturate the color by 10%, you get $45.5525, 0.2591, 0.2630$, and if you desaturate by 10%, it is $65.9887, 0.2940, 0.3070$.

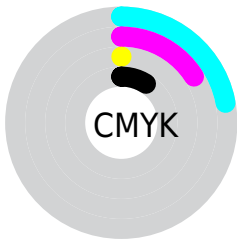
Distribution



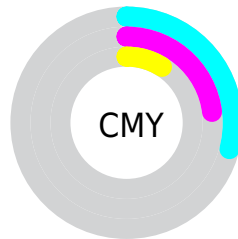
- Red (71%)
- Green (77%)
- Blue (91%)



- Red (71%)
- Yellow (76%)
- Blue (91%)



- Cyan (22%)
- Magenta (16%)
- Yellow (0%)
- Black (9%)



- Cyan (29%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.1298, 0.2770, 0.2861 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 55.1298, 0.2770, 0.2861 by changing the saturation by 10% instead.

■ 55.1298, 0.2770,
0.2861

■ 55.1298, 0.2770,
0.2861

406.4038, 0.2942,
0.3066

■ 39.5057, 0.2729,
0.2813

■ 97.7311, 0.2831,
0.2934

■ 27.1533, 0.2677,
0.2752

125.4771, 0.2855,
0.2961

■ 17.6884, 0.2611,
0.2674

158.0324, 0.2874,
0.2985

■ 10.7265, 0.2522,
0.2570

195.7815, 0.2892,
0.3006

■ 5.8832, 0.2397,
0.2425

239.1088, 0.2907,
0.3024

■ 2.7742, 0.2209,
0.2211

288.3987, 0.2920,

■ 1.0150, 0.1903,

0.3040

0.1868

344.0356, 0.2932,
0.3054

0.0000, 0.0000,
0.0000

55.1298, 0.2770,
0.2861

55.1298, 0.2770,
0.2861

45.5525, 0.2591,
0.2630

65.9887, 0.2940,
0.3070

37.2010, 0.2406,
0.2379

78.1687, 0.3098,
0.3256

30.0252, 0.2222,
0.2113

91.7160, 0.3243,
0.3420

23.9686, 0.2047,
0.1841

98.6075, 0.3262,
0.3512

18.9696, 0.1888,
0.1574

■ 14.9599, 0.1756,
0.1324

■ 11.8611, 0.1656,
0.1105

■ 9.9490, 0.1599,
0.0957

Harmonies

Analogous

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



55.1298, 0.2649, 0.2948



55.1298, 0.2770, 0.2861



55.1298, 0.2988, 0.2883

Triad

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



55.1298, 0.2770, 0.2861



55.1298, 0.3629, 0.3412



55.1298, 0.2990, 0.3605

Complementary

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



55.1298, 0.2770, 0.2861



70.1835, 0.3490, 0.3685

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.



55.1298, 0.3251, 0.3738



55.1298, 0.2770, 0.2861



55.1298, 0.3627, 0.3611

Square

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



55.1298, 0.2770, 0.2861



55.1298, 0.3490, 0.3192



55.1298, 0.3486, 0.3736



55.1298, 0.2772, 0.3377

Rectangle

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



55.1298, 0.2770, 0.2861



55.1298, 0.3163, 0.2954



55.1298, 0.3486, 0.3736



55.1298, 0.3075, 0.3663

Sweetspot

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



55.1320, 0.2770, 0.2861



88.9771, 0.3019, 0.3164



72.5550, 0.2888, 0.3467



18.8496, 0.3009, 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.



55.1320, 0.2770, 0.2861



63.1614, 0.2696, 0.2767



50.0157, 0.2832, 0.2690



14.5709, 0.2981, 0.3119



5.7113, 0.1607, 0.0984



0.5785, 0.1687, 0.1272

Inverse Universe

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



54.2220, 0.3445, 0.3125



62.0853, 0.3524, 0.3091



76.5687, 0.3384, 0.3851



14.4370, 0.3247, 0.3221



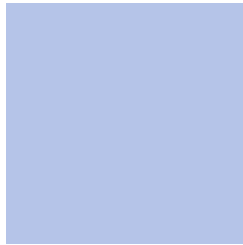
9.7743, 0.5783, 0.2959



0.7381, 0.5366, 0.2730

Previews

White Background



This preview shows how the Yxy color 55.1298, 0.2770, 0.2861 looks on a white background.

Color Contrast Check

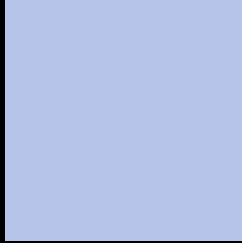
Large Text (above 18pt) WCAG AA × Fail

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 55.1298, 0.2770, 0.2861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

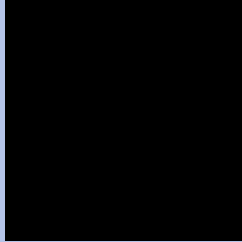
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

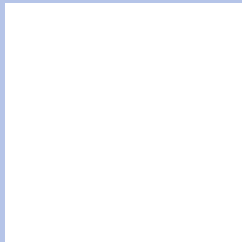
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.1298, 0.2770, 0.2861

Background



This preview shows how black text looks on a background with the Yxy color 55.1298, 0.2770, 0.2861.



This preview shows how white text looks on a background with the Yxy color 55.1298, 0.2770, 0.2861.

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

55.1298, 0.2770, 0.2861

Protanopia

55.0445, 0.2824, 0.2854

Deuteranopia

54.8806, 0.2867, 0.2804



Tritanopia

55.2181, 0.2860, 0.3093

Trichromacy



Original Color

55.1298, 0.2770, 0.2861

Protanomaly

55.1140, 0.2803, 0.2864

Deuteranomaly

55.0995, 0.2831, 0.2823

Tritanomaly

55.1923, 0.2827, 0.3010

Monochromacy



Original Color

55.1298, 0.2770, 0.2861

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.1597, 0.2995, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1298, 0.2770, 0.2861 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, 196, 232)` looks like.

```
.text, #text, p{  
    color:rgb(181, 196, 232)  
}
```

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, 196, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 196, 232) }
```

Border

The CSS property to change the border of an element to Yxy 55.1298, 0.2770, 0.2861 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, 196, 232) }
```

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

```
.border{ border-color:rgb(181, 196, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 196, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 196, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 196, 232);  
box-shadow:4px 4px 4px 4px rgb(181, 196,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1298, 0.2770, 0.2861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 196, 232) }
```

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

```
.background{ background-color: rgb(181,  
196, 232) }
```

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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