

Converting Colors

$Y_{xy}(55.2891, 0.2806, 0.2932)$

Have a look what the booklet for
Yxy(55.2891, 0.2806, 0.2932)
contains.

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Color

Yxy(55.3023, 0.2802, 0.2930)

Conversions

Conversions Part 1

Format	Color
Hex	B5C5E3
RGB	181, 197, 227
RGB Percent	71%, 77%, 89%
CMY	0.2902, 0.2274, 0.1098
CMYK	0.20, 0.13, 0.00, 0.11
HSL	219°, 45%, 80%
HSV	219°, 20%, 89%
XYZ	52.8864, 55.3023, 80.5564
YIQ	195.6360, -19.1660, 5.9380

Conversions

Conversions Part 2

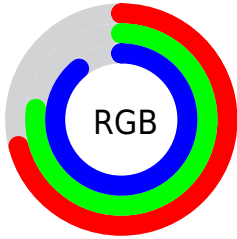
Format	Color
R_{YB}	181, 193, 227
Decimal	11912675
CIE Lab	79.22, 0.84, -16.72
CIE LCh	79, 16.745, 272.873
Yxy	55.3023, 0.2802, 0.2930
Android (android.graphics.Color)	4290102755 (0xFFB5C5E3)
YUV	195.6360, 15.4625, -12.8358
Hunter-Lab	74.3655, -3.1962, -12.1700

Details

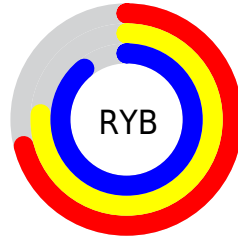
The Yxy color **55.3023, 0.2802, 0.2930** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **66.2501, 0.3465, 0.3626**, and the grayscale version is **54.8880, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1081, 0.3017, 0.3280**, and **27.2127, 0.2718, 0.2826** is the 20% darker color. If you saturate the color by 10%, you get **46.3853, 0.2628, 0.2721**, and if you desaturate by 10%, it is **65.3308, 0.2968, 0.3118**.

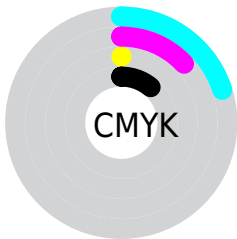
Distribution



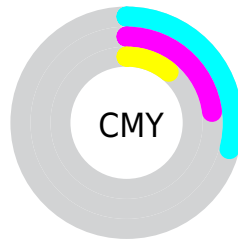
- Red (71%)
- Green (77%)
- Blue (89%)



- Red (71%)
- Yellow (76%)
- Blue (89%)



- Cyan (20%)
- Magenta (13%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.3023, 0.2802, 0.2930 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 55.3023, 0.2802, 0.2930 by changing the saturation by 10% instead.

■ 55.3023, 0.2802,
0.2930

■ 55.3023, 0.2802,
0.2930

407.0568, 0.2959,
0.3103

■ 39.6438, 0.2765,
0.2889

■ 97.9837, 0.2858,
0.2991

■ 27.2609, 0.2718,
0.2837

125.7755, 0.2879,
0.3015

■ 17.7693, 0.2657,
0.2770

158.3804, 0.2897,
0.3035

■ 10.7845, 0.2575,
0.2681

196.1829, 0.2913,
0.3052

■ 5.9221, 0.2460,
0.2555

239.5674, 0.2927,
0.3067

■ 2.7978, 0.2287,
0.2367

288.9183, 0.2939,

■ 1.0271, 0.2000,

0.3081

0.2056

344.6200, 0.2949,
0.3093

0.0000, 0.0000,
0.0000

55.3023, 0.2802,
0.2930

55.3023, 0.2802,
0.2930

46.3853, 0.2628,
0.2721

65.3308, 0.2968,
0.3118

38.5325, 0.2450,
0.2494

76.5024, 0.3123,
0.3286

31.7029, 0.2272,
0.2252

88.8556, 0.3267,
0.3434

25.8501, 0.2102,
0.2000

98.3258, 0.3292,
0.3562

20.9235, 0.1946,
0.1748

■ 16.8670, 0.1814,
0.1505

■ 13.6170, 0.1710,
0.1283

■ 11.1364, 0.1638,
0.1095

Harmonies

Analogous

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



55.3023, 0.2713, 0.3020



55.3023, 0.2802, 0.2930



55.3023, 0.2978, 0.2934

Triad

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



55.3023, 0.2802, 0.2930



55.3023, 0.3541, 0.3368



55.3023, 0.3044, 0.3578

Complementary

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



55.3023, 0.2802, 0.2930



66.2501, 0.3465, 0.3626

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.



55.3023, 0.3266, 0.3675



55.3023, 0.2802, 0.2930



55.3023, 0.3558, 0.3542

Square

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



55.3023, 0.2802, 0.2930



55.3023, 0.3408, 0.3181



55.3023, 0.3456, 0.3658



55.3023, 0.2849, 0.3396

Rectangle

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



55.3023, 0.2802, 0.2930



55.3023, 0.3124, 0.2986



55.3023, 0.3456, 0.3658



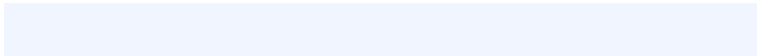
55.3023, 0.3118, 0.3622

Sweetspot

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



55.3046, 0.2802, 0.2930



91.0122, 0.3035, 0.3192



69.4578, 0.2919, 0.3479



19.2781, 0.3025, 0.3180



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.



55.3046, 0.2802, 0.2930



67.3129, 0.2735, 0.2851



49.2719, 0.2841, 0.2739



14.7033, 0.2981, 0.3132



6.6922, 0.1645, 0.1122



0.6635, 0.1726, 0.1414

Inverse Universe

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



53.4093, 0.3393, 0.3110



64.6659, 0.3458, 0.3073



73.5030, 0.3381, 0.3802



14.4504, 0.3238, 0.3208



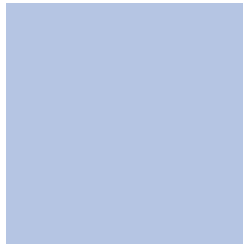
9.8733, 0.5579, 0.2847



0.7467, 0.5172, 0.2623

Previews

White Background



This preview shows how the Yxy color 55.3023, 0.2802, 0.2930 looks on a white background.

Color Contrast Check

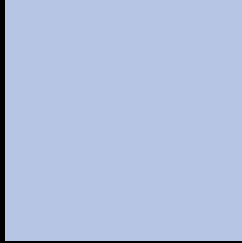
Large Text (above 18pt) WCAG AA × Fail

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 55.3023, 0.2802, 0.2930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

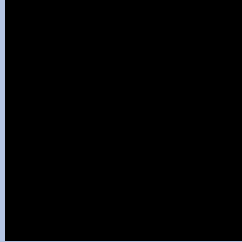
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.3023, 0.2802, 0.2930

Background



This preview shows how black text looks on a background with the Yxy color 55.3023, 0.2802, 0.2930.



This preview shows how white text looks on a background with the Yxy color 55.3023, 0.2802, 0.2930.

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

55.3023, 0.2802, 0.2930

Protanopia

55.0962, 0.2885, 0.2923

Deuteranopia

55.0052, 0.2923, 0.2861



Tritanopia

55.3369, 0.2867, 0.3093

Trichromacy



Original Color

55.3023, 0.2802, 0.2930

Protanomaly

55.0860, 0.2850, 0.2921

Deuteranomaly

54.9478, 0.2872, 0.2879

Tritanomaly

55.2059, 0.2847, 0.3034

Monochromacy



Original Color

55.3023, 0.2802, 0.2930

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.0612, 0.3009, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3023, 0.2802, 0.2930 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, 197, 227)` looks like.

```
.text, #text, p{  
    color:rgb(181, 197, 227)  
}
```

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, 197, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 197, 227) }
```

Border

The CSS property to change the border of an element to Yxy 55.3023, 0.2802, 0.2930 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, 197, 227) }
```

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

```
.border{ border-color:rgb(181, 197, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 197, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 197, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 197, 227);  
box-shadow:4px 4px 4px 4px rgb(181, 197,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3023, 0.2802, 0.2930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 197, 227) }
```

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

```
.background{ background-color: rgb(181,  
197, 227) }
```

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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