

Converting Colors

$Y_{xy}(55.8279, 0.2930, 0.3142)$

Have a look what the booklet for
Yxy(55.8279, 0.2930, 0.3142)
contains.

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Color

Yxy(55.7403, 0.2929, 0.3143)

Conversions

Conversions Part 1

Format	Color
Hex	B8C7D3
RGB	184, 199, 211
RGB Percent	72%, 78%, 83%
CMY	0.2785, 0.2196, 0.1725
CMYK	0.13, 0.06, 0.00, 0.17
HSL	207°, 24%, 77%
HSV	207°, 13%, 83%
XYZ	51.9451, 55.7403, 69.6621
YIQ	195.8830, -12.7920, 0.5520

Conversions

Conversions Part 2

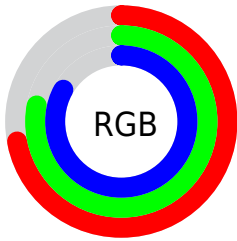
Format	Color
RYB	184, 194, 211
Decimal	12109779
CIELab	79.47, -2.70, -7.74
CIELCh	79, 8.196, 250.797
Yxy	55.7403, 0.2929, 0.3143
Android (android.graphics.Color)	4290299859 (0xFFB8C7D3)
YUV	195.8830, 7.4527, -10.4214
Hunter-Lab	74.6594, -6.4608, -3.0598

Details

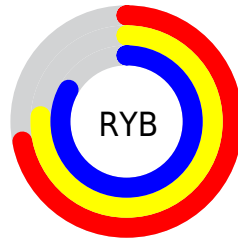
The Yxy color **55.7403, 0.2929, 0.3143** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7835, 0.3340, 0.3433**, and the grayscale version is **55.0876, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **27.5104, 0.2875, 0.3093** is the 20% darker color. If you saturate the color by 10%, you get **49.1482, 0.2770, 0.3014**, and if you desaturate by 10%, it is **62.9913, 0.3084, 0.3259**.

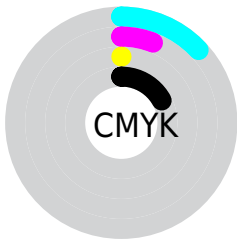
Distribution



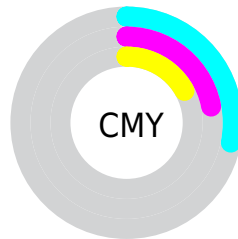
- Red (72%)
- Green (78%)
- Blue (83%)



- Red (72%)
- Yellow (76%)
- Blue (83%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (17%)



- Cyan (28%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.7403, 0.2929, 0.3143 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 55.7403, 0.2929, 0.3143 by changing the saturation by 10% instead.

■ 55.7403, 0.2929,
0.3143

■ 55.7403, 0.2929,
0.3143

408.7121, 0.3025,
0.3215

■ 39.9947, 0.2906,
0.3126

■ 98.6248, 0.2963,
0.3169

■ 27.5344, 0.2877,
0.3104

126.5325, 0.2976,
0.3178

■ 17.9750, 0.2840,
0.3075

159.2630, 0.2987,
0.3187

■ 10.9320, 0.2789,
0.3036

197.2008, 0.2997,
0.3194

■ 6.0212, 0.2717,
0.2980

240.7302, 0.3005,
0.3200

■ 2.8580, 0.2606,
0.2892

290.2356, 0.3012,

■ 1.0580, 0.2414,

0.3206

0.2737

346.1014, 0.3019,
0.3210

0.0000, 0.0000,
0.0000

55.7403, 0.2929,
0.3143

55.7403, 0.2929,
0.3143

49.1482, 0.2770,
0.3014

62.9913, 0.3084,
0.3259

43.1861, 0.2611,
0.2872

70.9149, 0.3234,
0.3363

37.8331, 0.2454,
0.2719

79.5330, 0.3377,
0.3456

33.0641, 0.2305,
0.2557

86.2380, 0.3417,
0.3545

28.8519, 0.2167,
0.2387

91.7909, 0.3402,
0.3635

■ 25.1665, 0.2046,
0.2213

■ 97.4842, 0.3387,
0.3720

■ 21.9741, 0.1945,
0.2040

■ 19.2348, 0.1866,
0.1872

■ 17.5015, 0.1821,
0.1755

Harmonies

Analogous

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



55.7403, 0.2923, 0.3219



55.7403, 0.2929, 0.3143



55.7403, 0.2987, 0.3108

Triad

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



55.7403, 0.2929, 0.3143



55.7403, 0.3286, 0.3262



55.7403, 0.3169, 0.3467

Complementary

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



55.7403, 0.2929, 0.3143



56.7835, 0.3340, 0.3433

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.



55.7403, 0.3267, 0.3476



55.7403, 0.2929, 0.3143



55.7403, 0.3336, 0.3356

Square

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



55.7403, 0.2929, 0.3143



55.7403, 0.3193, 0.3176



55.7403, 0.3329, 0.3435



55.7403, 0.3060, 0.3408

Rectangle

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



55.7403, 0.2929, 0.3143



55.7403, 0.3048, 0.3111



55.7403, 0.3329, 0.3435



55.7403, 0.3204, 0.3476

Sweetspot

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



55.7426, 0.2929, 0.3143



95.2607, 0.3066, 0.3246



60.7574, 0.3033, 0.3477



20.2030, 0.3054, 0.3237



0.0000, 0.0000, 0.0000



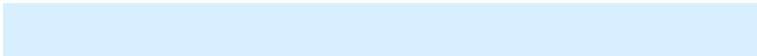
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.7426, 0.2929, 0.3143



83.0916, 0.2892, 0.3114



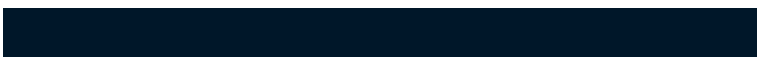
49.9142, 0.2925, 0.2977



12.4920, 0.2983, 0.3184



10.7673, 0.1828, 0.1779



0.7590, 0.1912, 0.2082

Inverse Universe

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



52.2453, 0.3236, 0.3113



76.9309, 0.3259, 0.3080



63.0193, 0.3320, 0.3584



11.9167, 0.3205, 0.3161



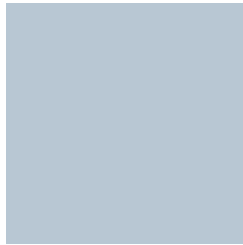
9.1582, 0.4710, 0.2368



0.5279, 0.4361, 0.2176

Previews

White Background



This preview shows how the Yxy color 55.7403, 0.2929, 0.3143 looks on a white background.

Color Contrast Check

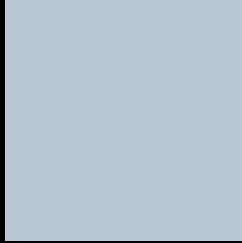
Large Text (above 18pt) WCAG AA × Fail

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 55.7403, 0.2929, 0.3143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

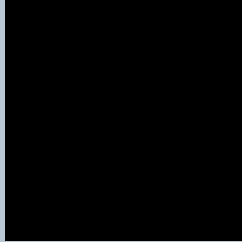
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

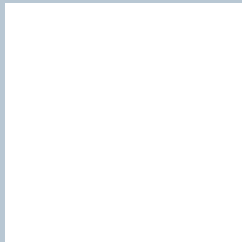
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.7403, 0.2929, 0.3143

Background



This preview shows how black text looks on a background with the Yxy color 55.7403, 0.2929, 0.3143.



This preview shows how white text looks on a background with the Yxy color 55.7403, 0.2929, 0.3143.

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

55.7403, 0.2929, 0.3143

Protanopia

55.5040, 0.3041, 0.3123

Deuteranopia

55.4756, 0.3099, 0.3035



Tritanopia

55.5575, 0.2916, 0.3095

Trichromacy



Original Color

55.7403, 0.2929, 0.3143

Protanomaly

55.3395, 0.2995, 0.3121

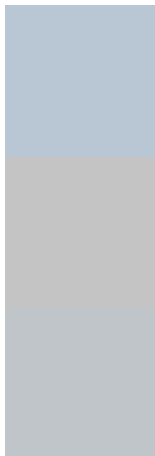
Deuteranomaly

55.4792, 0.3035, 0.3077

Tritanomaly

55.5066, 0.2923, 0.3107

Monochromacy



Original Color

55.7403, 0.2929, 0.3143

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.3560, 0.3059, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7403, 0.2929, 0.3143 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(184, 199, 211)` looks like.

```
.text, #text, p{  
    color:rgb(184, 199, 211)  
}
```

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(184, 199, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 199, 211) }
```

Border

The CSS property to change the border of an element to Yxy 55.7403, 0.2929, 0.3143 is called "border". The border property can be set on classes, ids or directly on the HTML element.

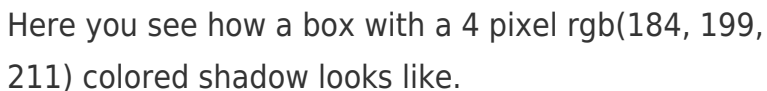
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 199, 211) }
```

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

```
.border{ border-color:rgb(184, 199, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(184, 199, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 199, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 199, 211); box-shadow:4px 4px 4px 4px rgb(184, 199, 211) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7403, 0.2929, 0.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 199, 211) }
```

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

```
.background{ background-color: rgb(184,  
199, 211) }
```

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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