

Converting Colors

$Yxy(55.6680, 0.2973, 0.3176)$

Have a look what the booklet for
Yxy(55.6680, 0.2973, 0.3176)
contains.

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Color

Yxy(55.5070, 0.2972, 0.3168)

Conversions

Conversions Part 1

Format	Color
Hex	BBC6D0
RGB	187, 198, 208
RGB Percent	73%, 78%, 82%
CMY	0.2666, 0.2235, 0.1844
CMYK	0.10, 0.05, 0.00, 0.18
HSL	209°, 18%, 77%
HSV	209°, 10%, 82%
XYZ	52.0729, 55.5070, 67.6316
YIQ	195.8510, -9.7660, 0.7780

Conversions

Conversions Part 2

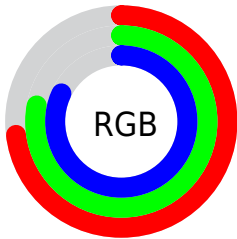
Format	Color
R_{YB}	187, 194, 208
Decimal	12306128
CIE Lab	79.33, -1.79, -6.28
CIE LCh	79, 6.528, 254.122
Yxy	55.5070, 0.2972, 0.3168
Android (android.graphics.Color)	4290496208 (0xFFBBC6D0)
YUV	195.8510, 5.9895, -7.7623
Hunter-Lab	74.5030, -5.6202, -1.6696

Details

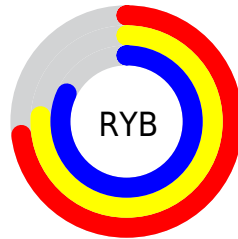
The Yxy color **55.5070, 0.2972, 0.3168** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.9244, 0.3290, 0.3409**, and the grayscale version is **55.0775, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **27.3479, 0.2931, 0.3126** is the 20% darker color. If you saturate the color by 10%, you get **48.6952, 0.2813, 0.3033**, and if you desaturate by 10%, it is **62.9991, 0.3126, 0.3289**.

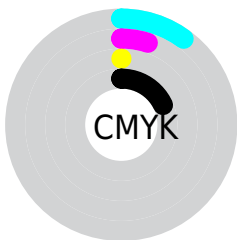
Distribution



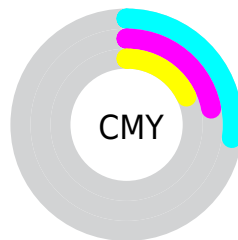
- Red (73%)
- Green (78%)
- Blue (82%)



- Red (73%)
- Yellow (76%)
- Blue (82%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



- Cyan (27%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.5070, 0.2972, 0.3168 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 55.5070, 0.2972, 0.3168 by changing the saturation by 10% instead.

■ 55.5070, 0.2972,
0.3168

■ 55.5070, 0.2972,
0.3168

407.8309, 0.3047,
0.3227

■ 39.8078, 0.2954,
0.3154

■ 98.2834, 0.2999,
0.3189

■ 27.3887, 0.2931,
0.3135

126.1294, 0.3009,
0.3197

■ 17.8654, 0.2902,
0.3112

158.7930, 0.3018,
0.3204

■ 10.8534, 0.2861,
0.3079

196.6588, 0.3025,
0.3210

■ 5.9683, 0.2804,
0.3033

240.1111, 0.3032,
0.3215

■ 2.8258, 0.2715,
0.2960

289.5343, 0.3037,

■ 1.0415, 0.2560,

0.3220

0.2830

345.3128, 0.3043,
0.3224

0.0000, 0.0000,
0.0000

55.5070, 0.2972,
0.3168

55.5070, 0.2972,
0.3168

48.6952, 0.2813,
0.3033

62.9991, 0.3126,
0.3289

42.5348, 0.2652,
0.2885

71.1851, 0.3273,
0.3397

37.0049, 0.2491,
0.2724

80.0872, 0.3412,
0.3492

32.0808, 0.2335,
0.2551

86.7253, 0.3435,
0.3586

27.7355, 0.2190,
0.2370

92.6348, 0.3418,
0.3681

■ 23.9399, 0.2059,
0.2184

■ 97.3332, 0.3406,
0.3751

■ 20.6609, 0.1947,
0.1999

■ 17.8606, 0.1858,
0.1818

■ 15.4925, 0.1791,
0.1646

Harmonies

Analogous

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



55.5070, 0.2962, 0.3226



55.5070, 0.2972, 0.3168



55.5070, 0.3023, 0.3144

Triad

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



55.5070, 0.2972, 0.3168



55.5070, 0.3260, 0.3276



55.5070, 0.3151, 0.3427

Complementary

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



55.5070, 0.2972, 0.3168



56.9244, 0.3290, 0.3409

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.



55.5070, 0.3231, 0.3440



55.5070, 0.2972, 0.3168



55.5070, 0.3295, 0.3351

Square

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



55.5070, 0.2972, 0.3168



55.5070, 0.3189, 0.3206



55.5070, 0.3285, 0.3411



55.5070, 0.3065, 0.3377

Rectangle

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



55.5070, 0.2972, 0.3168



55.5070, 0.3073, 0.3149



55.5070, 0.3285, 0.3411



55.5070, 0.3179, 0.3436

Sweetspot

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



55.5093, 0.2972, 0.3168



96.2771, 0.3081, 0.3255



59.6915, 0.3048, 0.3426



20.3979, 0.3069, 0.3245



0.0000, 0.0000, 0.0000



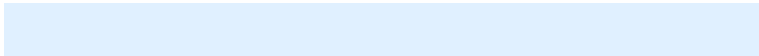
21.4041, 0.3127, 0.3290

Same Dimension

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



55.5093, 0.2972, 0.3168



85.7099, 0.2940, 0.3141



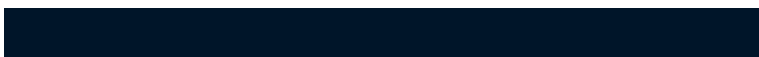
50.9629, 0.2971, 0.3040



12.4284, 0.2983, 0.3177



9.8525, 0.1797, 0.1670



0.7093, 0.1887, 0.1991

Inverse Universe

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



53.0307, 0.3216, 0.3160



81.1039, 0.3236, 0.3132



61.7588, 0.3277, 0.3528



11.9103, 0.3210, 0.3169



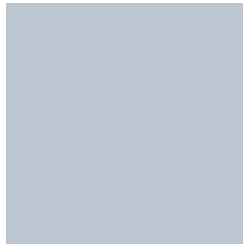
9.0659, 0.4843, 0.2442



0.5229, 0.4463, 0.2232

Previews

White Background



This preview shows how the Yxy color 55.5070, 0.2972, 0.3168 looks on a white background.

Color Contrast Check

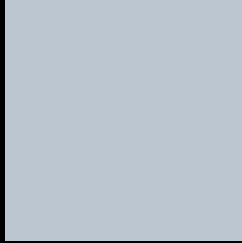
Large Text (above 18pt) WCAG AA × Fail

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 55.5070, 0.2972, 0.3168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

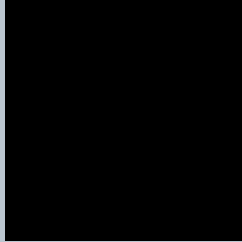
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

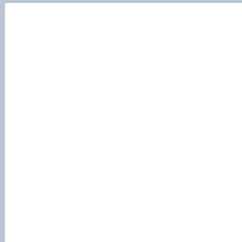
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.5070, 0.2972, 0.3168

Background



This preview shows how black text looks on a background with the Yxy color 55.5070, 0.2972, 0.3168.

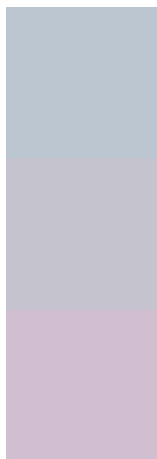


This preview shows how white text looks on a background with the Yxy color 55.5070, 0.2972, 0.3168.

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

55.5070, 0.2972, 0.3168

Protanopia

55.3568, 0.3063, 0.3158

Deuteranopia

55.4204, 0.3137, 0.3081



Tritanopia

55.4280, 0.2945, 0.3096

Trichromacy



Original Color

55.5070, 0.2972, 0.3168

Protanomaly

55.3223, 0.3024, 0.3157

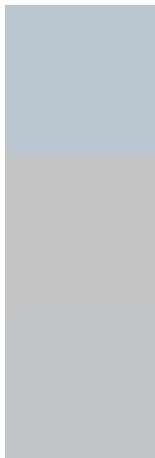
Deuteranomaly

55.6045, 0.3072, 0.3112

Tritanomaly

55.3270, 0.2958, 0.3120

Monochromacy



Original Color

55.5070, 0.2972, 0.3168

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.4401, 0.3074, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5070, 0.2972, 0.3168 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(187, 198, 208)` looks like.

```
.text, #text, p{  
    color:rgb(187, 198, 208)  
}
```

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(187, 198, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 198, 208) }
```

Border

The CSS property to change the border of an element to Yxy 55.5070, 0.2972, 0.3168 is called "border". The border property can be set on classes, ids or directly on the HTML element.

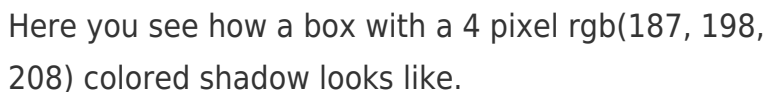
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 198, 208) }
```

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

```
.border{ border-color:rgb(187, 198, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 198, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 198, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 198, 208);  
box-shadow:4px 4px 4px 4px rgb(187, 198,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5070, 0.2972, 0.3168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 198, 208) }
```

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

```
.background{ background-color: rgb(187,  
198, 208) }
```

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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