

Converting Colors

Yxy(53.6469, 0.2955, 0.3176)

Have a look what the booklet for
Yxy(53.6469, 0.2955, 0.3176)
contains.

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Color

Yxy(53.8327, 0.2955, 0.3178)

Conversions

Conversions Part 1

Format	Color
Hex	B6C4CD
RGB	182, 196, 205
RGB Percent	71%, 77%, 80%
CMY	0.2861, 0.2314, 0.1961
CMYK	0.11, 0.04, 0.00, 0.20
HSL	204°, 19%, 76%
HSV	204°, 11%, 80%
XYZ	50.0553, 53.8327, 65.5038
YIQ	192.8400, -11.2330, -0.1690

Conversions

Conversions Part 2

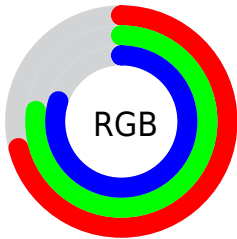
Format	Color
RYB	182, 191, 205
Decimal	11977933
CIELab	78.36, -2.97, -6.14
CIELCh	78, 6.818, 244.216
Yxy	53.8327, 0.2955, 0.3178
Android (android.graphics.Color)	4290168013 (0xFFB6C4CD)
YUV	192.8400, 5.9949, -9.5067
Hunter-Lab	73.3708, -6.6220, -1.5733

Details

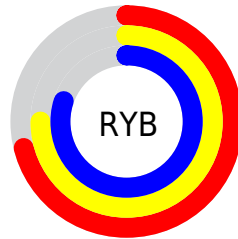
The Yxy color **53.8327, 0.2955, 0.3178** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.6302, 0.3313, 0.3399**, and the grayscale version is **53.2023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6477, 0.3024, 0.3270**, and **26.2475, 0.2907, 0.3139** is the 20% darker color. If you saturate the color by 10%, you get **47.9920, 0.2799, 0.3067**, and if you desaturate by 10%, it is **60.2372, 0.3109, 0.3279**.

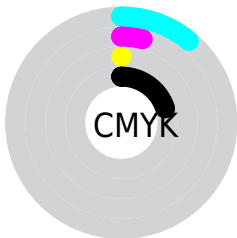
Distribution



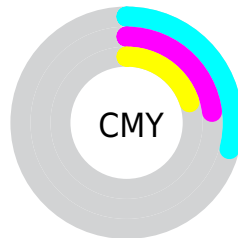
- Red (71%)
- Green (77%)
- Blue (80%)



- Red (71%)
- Yellow (75%)
- Blue (80%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



- Cyan (29%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8327, 0.2955, 0.3178 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 53.8327, 0.2955, 0.3178 by changing the saturation by 10% instead.

■ 53.8327, 0.2955,
0.3178

■ 53.8327, 0.2955,
0.3178

401.4717, 0.3039,
0.3233

■ 38.4679, 0.2935,
0.3165

■ 95.8286, 0.2985,
0.3198

■ 26.3461, 0.2909,
0.3147

123.2284, 0.2996,
0.3205

■ 17.0827, 0.2876,
0.3125

155.4088, 0.3006,
0.3212

■ 10.2935, 0.2831,
0.3094

192.7540, 0.3014,
0.3217

■ 5.5940, 0.2765,
0.3049

235.6486, 0.3022,
0.3222

■ 2.5998, 0.2664,
0.2978

284.4767, 0.3028,

■ 0.9266, 0.2483,

0.3226

0.2848

339.6230, 0.3034,
0.3230

0.0000, 0.0000,
0.0000

53.8327, 0.2955,
0.3178

53.8327, 0.2955,
0.3178

47.9920, 0.2799,
0.3067

60.2372, 0.3109,
0.3279

42.6895, 0.2643,
0.2945

67.2166, 0.3258,
0.3369

37.9075, 0.2491,
0.2813

74.7900, 0.3402,
0.3449

33.6244, 0.2347,
0.2672

81.2205, 0.3473,
0.3524

29.8169, 0.2214,
0.2525

85.7454, 0.3458,
0.3603

■ 26.4591, 0.2098,
0.2374

■ 90.4784, 0.3443,
0.3680

■ 23.5220, 0.2001,
0.2222

■ 95.4220, 0.3429,
0.3755

■ 20.9712, 0.1925,
0.2072

■ 97.1874, 0.3424,
0.3780

■ 18.9944, 0.1873,
0.1943

Harmonies

Analogous

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



53.8327, 0.2960, 0.3248



53.8327, 0.2955, 0.3178



53.8327, 0.2995, 0.3140

Triad

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



53.8327, 0.2955, 0.3178



53.8327, 0.3246, 0.3249



53.8327, 0.3182, 0.3444

Complementary

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



53.8327, 0.2955, 0.3178



53.6302, 0.3313, 0.3399

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.



53.8327, 0.3260, 0.3442



53.8327, 0.2955, 0.3178



53.8327, 0.3297, 0.3329

Square

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



53.8327, 0.2955, 0.3178



53.8327, 0.3162, 0.3181



53.8327, 0.3302, 0.3400



53.8327, 0.3090, 0.3403

Rectangle

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



53.8327, 0.2955, 0.3178



53.8327, 0.3043, 0.3136



53.8327, 0.3302, 0.3400



53.8327, 0.3211, 0.3449

Sweetspot

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



53.8350, 0.2955, 0.3178



96.6805, 0.3081, 0.3261



57.3618, 0.3053, 0.3466



20.5069, 0.3069, 0.3253



0.0000, 0.0000, 0.0000



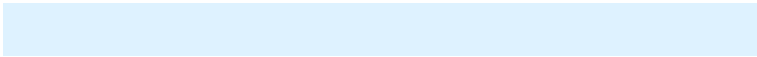
21.4041, 0.3127, 0.3290

Same Dimension

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



53.8350, 0.2955, 0.3178



86.2379, 0.2924, 0.3157



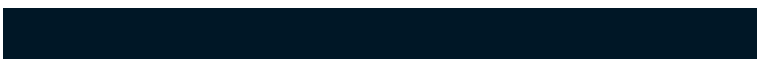
48.9338, 0.2953, 0.3035



11.9604, 0.2983, 0.3197



12.0154, 0.1879, 0.1964



0.7649, 0.1959, 0.2251

Inverse Universe

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



50.4327, 0.3211, 0.3122



79.8345, 0.3228, 0.3092



58.7447, 0.3296, 0.3533



11.3264, 0.3197, 0.3150



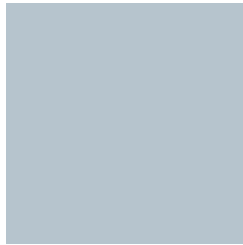
9.0160, 0.4494, 0.2249



0.4798, 0.4178, 0.2075

Previews

White Background



This preview shows how the Yxy color 53.8327, 0.2955, 0.3178 looks on a white background.

Color Contrast Check

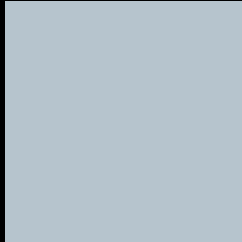
Large Text (above 18pt) WCAG AA × Fail

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 53.8327, 0.2955, 0.3178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

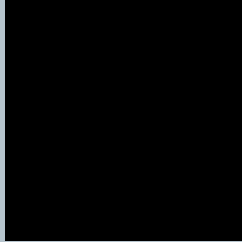
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

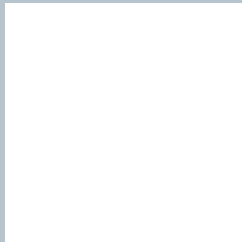
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.8327, 0.2955, 0.3178

Background



This preview shows how black text looks on a background with the Yxy color 53.8327, 0.2955, 0.3178.



This preview shows how white text looks on a background with the Yxy color 53.8327, 0.2955, 0.3178.

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

53.8327, 0.2955, 0.3178

Protanopia

53.4804, 0.3062, 0.3156

Deuteranopia

53.7368, 0.3138, 0.3067



Tritanopia

53.8006, 0.2921, 0.3093

Trichromacy



Original Color

53.8327, 0.2955, 0.3178

Protanomaly

53.4467, 0.3023, 0.3155

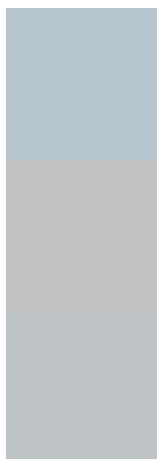
Deuteranomaly

53.7236, 0.3072, 0.3110

Tritanomaly

53.7009, 0.2934, 0.3117

Monochromacy



Original Color

53.8327, 0.2955, 0.3178

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.4336, 0.3065, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8327, 0.2955, 0.3178 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(182, 196, 205)` looks like.

```
.text, #text, p{  
    color:rgb(182, 196, 205)  
}
```

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(182, 196, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 196, 205) }
```

Border

The CSS property to change the border of an element to Yxy 53.8327, 0.2955, 0.3178 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(182, 196, 205) }
```

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

```
.border{ border-color:rgb(182, 196, 205) }
```

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

Here you see how a box with a 4 pixel rgb(182, 196, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 196, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 196, 205);  
box-shadow:4px 4px 4px 4px rgb(182, 196,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8327, 0.2955, 0.3178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 196, 205) }
```

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

```
.background{ background-color: rgb(182,  
196, 205) }
```

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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