

Converting Colors

$Y_{xy}(54.3110, 0.2945, 0.3172)$

Have a look what the booklet for
Yxy(54.3110, 0.2945, 0.3172)
contains.

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Color

Yxy(54.3338, 0.2948, 0.3178)

Conversions

Conversions Part 1

Format	Color
Hex	B6C5CE
RGB	182, 197, 206
RGB Percent	71%, 77%, 81%
CMY	0.2862, 0.2275, 0.1921
CMYK	0.12, 0.04, 0.00, 0.19
HSL	203°, 20%, 76%
HSV	203°, 12%, 81%
XYZ	50.4015, 54.3338, 66.2332
YIQ	193.5410, -11.8290, -0.3810

Conversions

Conversions Part 2

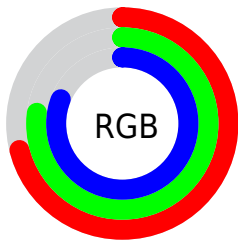
Format	Color
R_{YB}	182, 191, 206
Decimal	11978190
CIE _{Lab}	78.66, -3.30, -6.26
CIE _{LCh}	79, 7.075, 242.242
Yxy	54.3338, 0.2948, 0.3178
Android (android.graphics.Color)	4290168270 (0xFFB6C5CE)
YUV	193.5410, 6.1423, -10.1215
Hunter-Lab	73.7115, -6.9425, -1.6768

Details

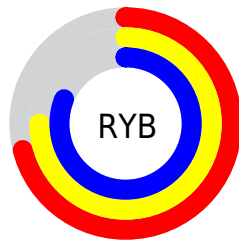
The Yxy color **54.3338, 0.2948, 0.3178** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.7763, 0.3321, 0.3399**, and the grayscale version is **53.6344, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2808, 0.3023, 0.3280**, and **26.5790, 0.2899, 0.3139** is the 20% darker color. If you saturate the color by 10%, you get **48.5846, 0.2792, 0.3071**, and if you desaturate by 10%, it is **60.6370, 0.3102, 0.3275**.

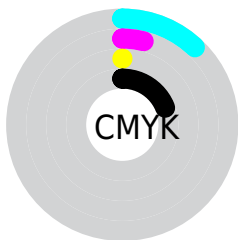
Distribution



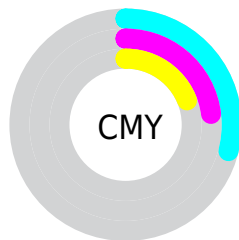
- Red (71%)
- Green (77%)
- Blue (81%)



- Red (71%)
- Yellow (75%)
- Blue (81%)



- Cyan (12%)
- Magenta (4%)
- Yellow (0%)
- Black (19%)



- Cyan (29%)
- Magenta (23%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.3338, 0.2948, 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 54.3338, 0.2948, 0.3178 by changing the saturation by 10% instead.

■ 54.3338, 0.2948,
0.3178

■ 54.3338, 0.2948,
0.3178

403.3816, 0.3035,
0.3233

■ 38.8686, 0.2927,
0.3165

■ 96.5642, 0.2979,
0.3198

■ 26.6575, 0.2901,
0.3147

124.0981, 0.2991,
0.3205

■ 17.3162, 0.2866,
0.3125

156.4238, 0.3001,
0.3212

■ 10.4602, 0.2819,
0.3094

193.9256, 0.3010,
0.3217

■ 5.7051, 0.2752,
0.3050

236.9879, 0.3017,
0.3222

■ 2.6666, 0.2648,
0.2979

285.9950, 0.3024,

■ 0.9603, 0.2464,

0.3226

0.2850

341.3315, 0.3030,
0.3230

0.0000, 0.0000,
0.0000

54.3338, 0.2948,
0.3178

54.3338, 0.2948,
0.3178

48.5846, 0.2792,
0.3071

60.6370, 0.3102,
0.3275

43.3638, 0.2638,
0.2954

67.5050, 0.3252,
0.3362

38.6538, 0.2487,
0.2827

74.9570, 0.3397,
0.3439

34.4331, 0.2346,
0.2692

81.1785, 0.3466,
0.3512

30.6782, 0.2216,
0.2551

85.5309, 0.3452,
0.3588

■ 27.3634, 0.2103,
0.2407

■ 90.0764, 0.3438,
0.3662

■ 24.4594, 0.2009,
0.2261

■ 94.8172, 0.3424,
0.3735

■ 21.9317, 0.1936,
0.2118

■ 97.2370, 0.3418,
0.3770

■ 20.0607, 0.1889,
0.2000

Harmonies

Analogous

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



54.3338, 0.2957, 0.3252



54.3338, 0.2948, 0.3178



54.3338, 0.2987, 0.3136

Triad

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



54.3338, 0.2948, 0.3178



54.3338, 0.3245, 0.3243



54.3338, 0.3190, 0.3451

Complementary

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



54.3338, 0.2948, 0.3178



53.7763, 0.3321, 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.



54.3338, 0.3269, 0.3446



54.3338, 0.2948, 0.3178



54.3338, 0.3301, 0.3325

Square

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



54.3338, 0.2948, 0.3178



54.3338, 0.3157, 0.3174



54.3338, 0.3310, 0.3399



54.3338, 0.3095, 0.3411

Rectangle

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



54.3338, 0.2948, 0.3178



54.3338, 0.3034, 0.3130



54.3338, 0.3310, 0.3399



54.3338, 0.3219, 0.3454

Sweetspot

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



54.3361, 0.2948, 0.3178



96.7581, 0.3081, 0.3262



57.8505, 0.3052, 0.3479



20.5278, 0.3068, 0.3255



0.0000, 0.0000, 0.0000



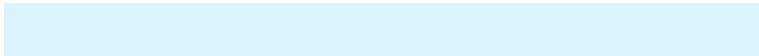
21.4041, 0.3127, 0.3290

Same Dimension

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



54.3361, 0.2948, 0.3178



85.5872, 0.2909, 0.3152



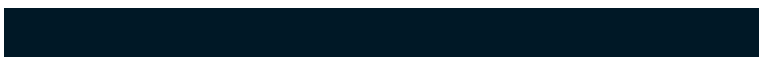
49.1906, 0.2945, 0.3029



11.9913, 0.2983, 0.3201



12.5423, 0.1895, 0.2021



0.7900, 0.1971, 0.2297

Inverse Universe

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



50.6163, 0.3212, 0.3111



78.4659, 0.3233, 0.3070



59.1271, 0.3304, 0.3538



11.3295, 0.3194, 0.3146



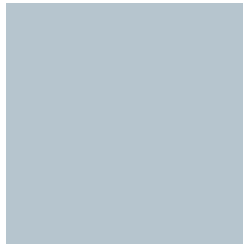
9.0691, 0.4429, 0.2214



0.4823, 0.4130, 0.2049

Previews

White Background



This preview shows how the Yxy color 54.3338, 0.2948, 0.3178 looks on a white background.

Color Contrast Check

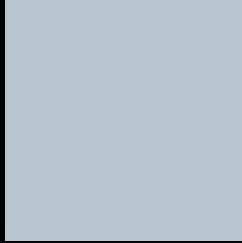
Large Text (above 18pt) WCAG AA × Fail

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 54.3338, 0.2948, 0.3178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

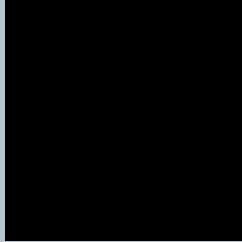
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

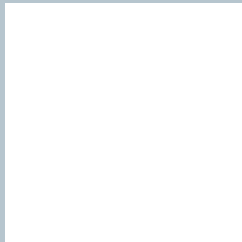
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.3338, 0.2948, 0.3178

Background



This preview shows how black text looks on a background with the Yxy color 54.3338, 0.2948, 0.3178.



This preview shows how white text looks on a background with the Yxy color 54.3338, 0.2948, 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

54.3338, 0.2948, 0.3178

Protanopia

54.1017, 0.3062, 0.3157

Deuteranopia

54.2147, 0.3129, 0.3067



Tritanopia

54.3006, 0.2914, 0.3094

Trichromacy



Original Color

54.3338, 0.2948, 0.3178

Protanomaly

53.9385, 0.3016, 0.3155

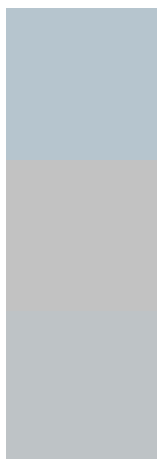
Deuteranomaly

54.2100, 0.3064, 0.3110

Tritanomaly

54.2003, 0.2928, 0.3118

Monochromacy



Original Color

54.3338, 0.2948, 0.3178

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.0546, 0.3066, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3338, 0.2948, 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, 197, 206)` looks like.

```
.text, #text, p{  
    color:rgb(182, 197, 206)  
}
```

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, 197, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 197, 206) }
```

Border

The CSS property to change the border of an element to Yxy 54.3338, 0.2948, 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, 197, 206) }
```

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

```
.border{ border-color:rgb(182, 197, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 197, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 197, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 197, 206);  
box-shadow:4px 4px 4px 4px rgb(182, 197,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3338, 0.2948, 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, 197, 206) }
```

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

```
.background{ background-color: rgb(182,  
197, 206) }
```

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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