

Converting Colors

$Y_{xy}(53.7333, 0.2850, 0.3055)$

Have a look what the booklet for
Yxy(53.7333, 0.2850, 0.3055)
contains.

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Color

Yxy(53.7333, 0.2850, 0.3055)

Conversions

Conversions Part 1

Format	Color
Hex	B1C4D7
RGB	177, 196, 215
RGB Percent	69%, 77%, 84%
CMY	0.3061, 0.2313, 0.1568
CMYK	0.18, 0.09, 0.00, 0.16
HSL	210°, 32%, 77%
HSV	210°, 18%, 84%
XYZ	50.1276, 53.7333, 72.0255
YIQ	192.4850, -17.4230, 1.8810

Conversions

Conversions Part 2

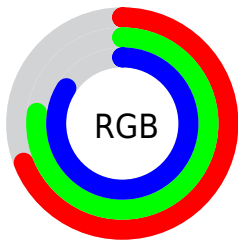
Format	Color
RYB	177, 190, 215
Decimal	11650263
CIELab	78.31, -2.52, -11.67
CIELCh	78, 11.936, 257.808
Yxy	53.7333, 0.2850, 0.3055
Android (android.graphics.Color)	4289840343 (0xFFB1C4D7)
YUV	192.4850, 11.0999, -13.5803
Hunter-Lab	73.3030, -6.2146, -6.9446

Details

The Yxy color **53.7333, 0.2850, 0.3055** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.0694, 0.3429, 0.3514**, and the grayscale version is **52.9480, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7942, 0.2993, 0.3270**, and **26.1692, 0.2780, 0.2990** is the 20% darker color. If you saturate the color by 10%, you get **46.7399, 0.2687, 0.2902**, and if you desaturate by 10%, it is **61.4748, 0.3009, 0.3193**.

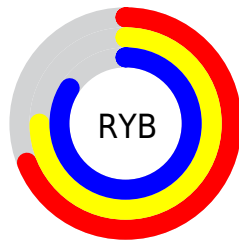
Distribution



Red (69%)

Green (77%)

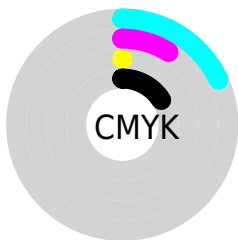
Blue (84%)



Red (69%)

Yellow (75%)

Blue (84%)

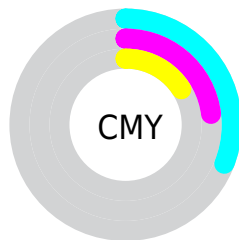


Cyan (18%)

Magenta (9%)

Yellow (0%)

Black (16%)



Cyan (31%)

Magenta (23%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7333, 0.2850, 0.3055 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 53.7333, 0.2850, 0.3055 by changing the saturation by 10% instead.

■ 53.7333, 0.2850,
0.3055

■ 53.7333, 0.2850,
0.3055

401.0922, 0.2984,
0.3170

■ 38.3885, 0.2818,
0.3027

■ 95.6825, 0.2898,
0.3096

■ 26.2843, 0.2777,
0.2992

123.0558, 0.2916,
0.3112

■ 17.0365, 0.2724,
0.2946

155.2072, 0.2932,
0.3125

■ 10.2605, 0.2653,
0.2883

192.5213, 0.2945,
0.3137

■ 5.5720, 0.2550,
0.2792

235.3825, 0.2957,
0.3146

■ 2.5866, 0.2394,
0.2652

284.1751, 0.2967,

■ 0.9200, 0.2124,

0.3155

0.2405

339.2835, 0.2976,
0.3163

0.0000, 0.0000,
0.0000

53.7333, 0.2850,
0.3055

53.7333, 0.2850,
0.3055

46.7399, 0.2687,
0.2902

61.4748, 0.3009,
0.3193

40.4621, 0.2524,
0.2735

69.9822, 0.3162,
0.3317

34.8749, 0.2364,
0.2556

79.2806, 0.3306,
0.3427

29.9484, 0.2212,
0.2367

87.8541, 0.3387,
0.3528

25.6506, 0.2073,
0.2172

94.3192, 0.3371,
0.3631

■ 21.9455, 0.1954,
0.1977

■ 97.6868, 0.3363,
0.3681

■ 18.7923, 0.1856,
0.1786

■ 16.1368, 0.1783,
0.1605

■ 15.5800, 0.1768,
0.1565

Harmonies

Analogous

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



53.7333, 0.2823, 0.3153



53.7333, 0.2850, 0.3055



53.7333, 0.2950, 0.3021

Triad

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



53.7333, 0.2850, 0.3055



53.7333, 0.3386, 0.3279



53.7333, 0.3149, 0.3539

Complementary

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



53.7333, 0.2850, 0.3055



57.0694, 0.3429, 0.3514

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.



53.7333, 0.3302, 0.3570



53.7333, 0.2850, 0.3055



53.7333, 0.3441, 0.3415

Square

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



53.7333, 0.2850, 0.3055



53.7333, 0.3259, 0.3150



53.7333, 0.3410, 0.3522



53.7333, 0.2993, 0.3437

Rectangle

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



53.7333, 0.2850, 0.3055



53.7333, 0.3046, 0.3037



53.7333, 0.3410, 0.3522



53.7333, 0.3203, 0.3558

Sweetspot

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



53.7355, 0.2850, 0.3055



93.6704, 0.3050, 0.3228



61.9017, 0.2985, 0.3533



19.8639, 0.3039, 0.3219



0.0000, 0.0000, 0.0000



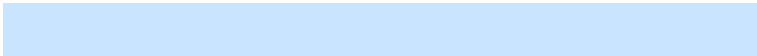
21.4041, 0.3127, 0.3290

Same Dimension

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



53.7355, 0.2850, 0.3055



75.3448, 0.2793, 0.3003



45.9189, 0.2838, 0.2819



13.0268, 0.2982, 0.3171



9.5300, 0.1775, 0.1591



0.7404, 0.1862, 0.1904

Inverse Universe

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



49.8558, 0.3303, 0.3066



68.8608, 0.3345, 0.3020



65.9041, 0.3393, 0.3721



12.5236, 0.3213, 0.3174



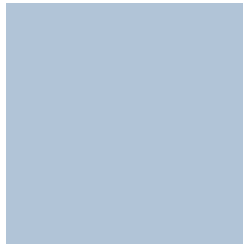
9.3069, 0.4942, 0.2496



0.5781, 0.4563, 0.2287

Previews

White Background



This preview shows how the Yxy color 53.7333, 0.2850, 0.3055 looks on a white background.

Color Contrast Check

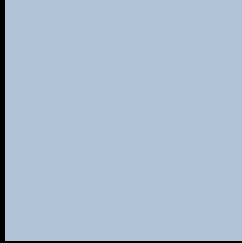
Large Text (above 18pt) WCAG AA × Fail

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 53.7333, 0.2850, 0.3055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

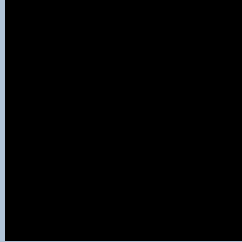
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

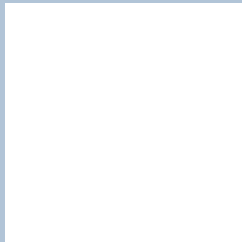
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.7333, 0.2850, 0.3055

Background



This preview shows how black text looks on a background with the Yxy color 53.7333, 0.2850, 0.3055.



This preview shows how white text looks on a background with the Yxy color 53.7333, 0.2850, 0.3055.

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

53.7333, 0.2850, 0.3055

Protanopia

53.5797, 0.2966, 0.3036

Deuteranopia

53.3937, 0.3015, 0.2949



Tritanopia

53.4634, 0.2863, 0.3091

Trichromacy



Original Color

53.7333, 0.2850, 0.3055

Protanomaly

53.4341, 0.2922, 0.3034

Deuteranomaly

53.4259, 0.2953, 0.2990

Tritanomaly

53.5141, 0.2856, 0.3078

Monochromacy



Original Color

53.7333, 0.2850, 0.3055

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.8749, 0.3028, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7333, 0.2850, 0.3055 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(177, 196, 215)` looks like.

```
.text, #text, p{  
    color:rgb(177, 196, 215)  
}
```

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(177, 196, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 196, 215) }
```

Border

The CSS property to change the border of an element to Yxy 53.7333, 0.2850, 0.3055 is called "border". The border property can be set on classes, ids or directly on the HTML element.

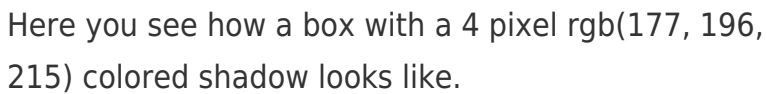
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 196, 215) }
```

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

```
.border{ border-color:rgb(177, 196, 215) }
```

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



Here you see how a box with a 4 pixel rgb(177, 196, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 196, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 196, 215);  
box-shadow:4px 4px 4px 4px rgb(177, 196,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7333, 0.2850, 0.3055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 196, 215) }
```

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

```
.background{ background-color: rgb(177,  
196, 215) }
```

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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