

Converting Colors

$Y_{xy}(54.6750, 0.2889, 0.3073)$

Have a look what the booklet for
Yxy(54.6750, 0.2889, 0.3073)
contains.

Yxy(54.7839, 0.2887, 0.3070)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.7839, 0.2887, 0.3070)

Conversions

Conversions Part 1

Format	Color
Hex	B6C5D7
RGB	182, 197, 215
RGB Percent	71%, 77%, 84%
CMY	0.2864, 0.2274, 0.1569
CMYK	0.15, 0.08, 0.00, 0.16
HSL	213°, 29%, 78%
HSV	213°, 15%, 84%
XYZ	51.5183, 54.7839, 72.1470
YIQ	194.5670, -14.7180, 2.4180

Conversions

Conversions Part 2

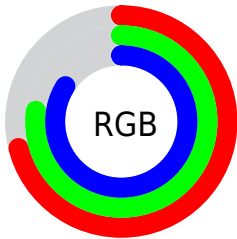
Format	Color
RYB	182, 192, 215
Decimal	11978199
CIELab	78.92, -1.45, -10.71
CIELCh	79, 10.810, 262.284
Yxy	54.7839, 0.2887, 0.3070
Android (android.graphics.Color)	4290168279 (0xFFB6C5D7)
YUV	194.5670, 10.0735, -11.0213
Hunter-Lab	74.0161, -5.2849, -5.9814

Details

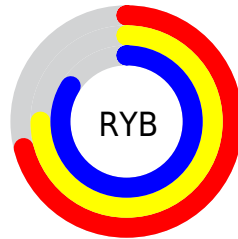
The Yxy color **54.7839, 0.2887, 0.3070** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1136, 0.3382, 0.3501**, and the grayscale version is **54.2467, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2808, 0.3023, 0.3280**, and **26.8501, 0.2828, 0.3011** is the 20% darker color. If you saturate the color by 10%, you get **47.2533, 0.2723, 0.2906**, and if you desaturate by 10%, it is **63.1340, 0.3045, 0.3218**.

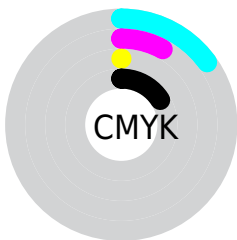
Distribution



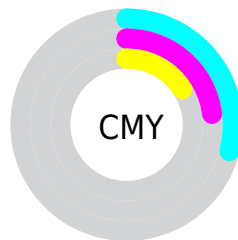
- Red (71%)
- Green (77%)
- Blue (84%)



- Red (71%)
- Yellow (75%)
- Blue (84%)



- Cyan (15%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



- Cyan (29%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.7839, 0.2887, 0.3070 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 54.7839, 0.2887, 0.3070 by changing the saturation by 10% instead.

■ 54.7839, 0.2887,
0.3070

■ 54.7839, 0.2887,
0.3070

405.0922, 0.3003,
0.3177

■ 39.2287, 0.2859,
0.3044

■ 97.2243, 0.2928,
0.3108

■ 26.9377, 0.2824,
0.3012

124.8782, 0.2944,
0.3123

■ 17.5264, 0.2778,
0.2969

157.3340, 0.2958,
0.3135

■ 10.6105, 0.2717,
0.2911

194.9758, 0.2969,
0.3146

■ 5.8056, 0.2629,
0.2829

238.1881, 0.2979,
0.3155

■ 2.7272, 0.2493,
0.2701

287.3554, 0.2988,

■ 0.9910, 0.2261,

0.3163

0.2478

342.8620, 0.2996,
0.3171

0.0000, 0.0000,
0.0000

54.7839, 0.2887,
0.3070

54.7839, 0.2887,
0.3070

47.2533, 0.2723,
0.2906

63.1340, 0.3045,
0.3218

40.5079, 0.2555,
0.2726

72.3229, 0.3196,
0.3349

34.5204, 0.2389,
0.2532

82.3778, 0.3337,
0.3465

29.2595, 0.2228,
0.2327

90.7781, 0.3380,
0.3576

24.6911, 0.2080,
0.2115

97.6862, 0.3364,
0.3681

■ 20.7775, 0.1949,
0.1902

■ 17.4763, 0.1841,
0.1695

■ 14.7375, 0.1758,
0.1500

■ 13.6229, 0.1726,
0.1415

Harmonies

Analogous

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



54.7839, 0.2852, 0.3151



54.7839, 0.2887, 0.3070



54.7839, 0.2986, 0.3049

Triad

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



54.7839, 0.2887, 0.3070



54.7839, 0.3372, 0.3299



54.7839, 0.3126, 0.3504

Complementary

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



54.7839, 0.2887, 0.3070



59.1136, 0.3382, 0.3501

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.



54.7839, 0.3266, 0.3542



54.7839, 0.2887, 0.3070



54.7839, 0.3411, 0.3420

Square

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



54.7839, 0.2887, 0.3070



54.7839, 0.3266, 0.3179



54.7839, 0.3371, 0.3510



54.7839, 0.2988, 0.3404

Rectangle

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



54.7839, 0.2887, 0.3070



54.7839, 0.3075, 0.3069



54.7839, 0.3371, 0.3510



54.7839, 0.3174, 0.3524

Sweetspot

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



54.7862, 0.2887, 0.3070



93.3106, 0.3050, 0.3222



62.6929, 0.2993, 0.3477



19.7765, 0.3039, 0.3212



0.0000, 0.0000, 0.0000



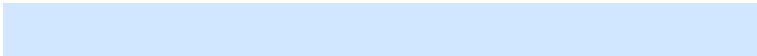
21.4041, 0.3127, 0.3290

Same Dimension

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



54.7862, 0.2887, 0.3070



77.3839, 0.2841, 0.3026



48.4282, 0.2888, 0.2882



12.9309, 0.2982, 0.3160



8.3545, 0.1734, 0.1442



0.6682, 0.1826, 0.1773

Inverse Universe

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



51.9241, 0.3289, 0.3115



72.6232, 0.3324, 0.3081



66.2571, 0.3348, 0.3670



12.5139, 0.3220, 0.3184



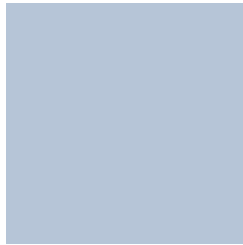
9.1882, 0.5135, 0.2602



0.5708, 0.4718, 0.2372

Previews

White Background



This preview shows how the Yxy color 54.7839, 0.2887, 0.3070 looks on a white background.

Color Contrast Check

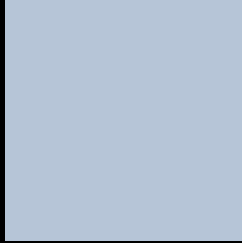
Large Text (above 18pt) WCAG AA × Fail

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 54.7839, 0.2887, 0.3070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

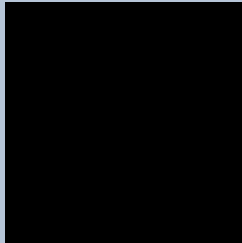
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

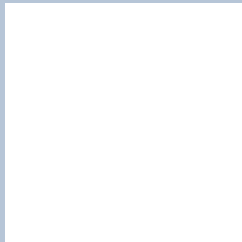
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.7839, 0.2887, 0.3070

Background



This preview shows how black text looks on a background with the Yxy color 54.7839, 0.2887, 0.3070.



This preview shows how white text looks on a background with the Yxy color 54.7839, 0.2887, 0.3070.

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

54.7839, 0.2887, 0.3070

Protanopia

54.7251, 0.2982, 0.3062

Deuteranopia

54.6221, 0.3046, 0.2986



Tritanopia

54.6817, 0.2901, 0.3094

Trichromacy



Original Color

54.7839, 0.2887, 0.3070

Protanomaly

54.7041, 0.2945, 0.3060

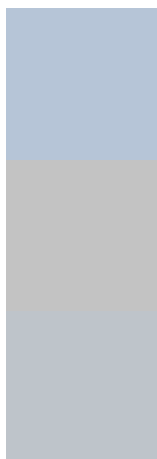
Deuteranomaly

54.8336, 0.2984, 0.3017

Tritanomaly

54.7326, 0.2894, 0.3082

Monochromacy



Original Color

54.7839, 0.2887, 0.3070

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.6913, 0.3037, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7839, 0.2887, 0.3070 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(182, 197, 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(182, 197, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 197, 215) }
```

Border

The CSS property to change the border of an element to Yxy 54.7839, 0.2887, 0.3070 is called "border". The border property can be set on classes, ids or directly on the HTML element.

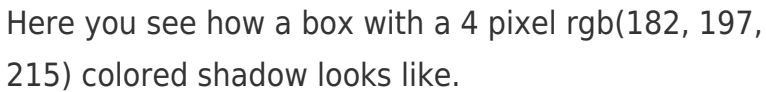
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 197, 215) }
```

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

```
.border{ border-color:rgb(182, 197, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 197, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 197, 215); box-shadow:4px 4px 4px 4px rgb(182, 197, 215) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7839, 0.2887, 0.3070 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, 215) }
```

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

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