

Converting Colors

Yxy(53.7696, 0.2882, 0.2968)

Have a look what the booklet for
Yxy(53.7696, 0.2882, 0.2968)
contains.

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Color

Yxy(53.7463, 0.2881, 0.2964)

Conversions

Conversions Part 1

Format	Color
Hex	BAC1DC
RGB	186, 193, 220
RGB Percent	73%, 76%, 86%
CMY	0.2705, 0.2431, 0.1372
CMYK	0.15, 0.12, 0.00, 0.14
HSL	228°, 33%, 80%
HSV	228°, 15%, 86%
XYZ	52.2413, 53.7463, 75.3427
YIQ	193.9850, -12.8390, 6.9130

Conversions

Conversions Part 2

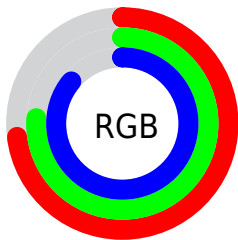
Format	Color
RYB	186, 192, 220
Decimal	12239324
CIELab	78.31, 3.05, -14.29
CIELCh	78, 14.610, 282.035
Yxy	53.7463, 0.2881, 0.2964
Android (android.graphics.Color)	4290429404 (0xFFBAC1DC)
YUV	193.9850, 12.8254, -7.0028
Hunter-Lab	73.3119, -1.0986, -9.6141

Details

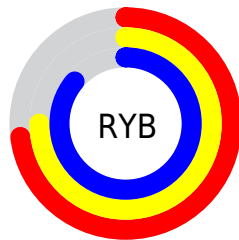
The Yxy color **53.7463, 0.2881, 0.2964** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **66.3674, 0.3370, 0.3596**, and the grayscale version is **53.8702, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8486, 0.3049, 0.3231**, and **26.4593, 0.2820, 0.2887** is the 20% darker color. If you saturate the color by 10%, you get **43.9243, 0.2704, 0.2720**, and if you desaturate by 10%, it is **64.9105, 0.3044, 0.3182**.

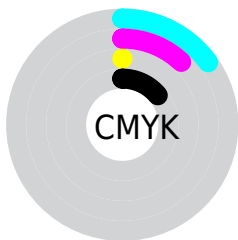
Distribution



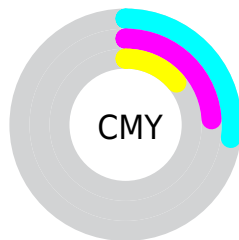
- Red (73%)
- Green (76%)
- Blue (86%)



- Red (73%)
- Yellow (75%)
- Blue (86%)



- Cyan (15%)
- Magenta (12%)
- Yellow (0%)
- Black (14%)



- Cyan (27%)
- Magenta (24%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7463, 0.2881, 0.2964 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 53.7463, 0.2881, 0.2964 by changing the saturation by 10% instead.

■ 53.7463, 0.2881,
0.2964

■ 53.7463, 0.2881,
0.2964

401.1418, 0.3001,
0.3121

■ 38.3989, 0.2852,
0.2926

■ 95.7016, 0.2924,
0.3020

■ 26.2924, 0.2815,
0.2879

123.0783, 0.2940,
0.3041

■ 17.0425, 0.2768,
0.2818

155.2336, 0.2954,
0.3059

■ 10.2648, 0.2703,
0.2736

192.5518, 0.2966,
0.3075

■ 5.5749, 0.2611,
0.2619

235.4173, 0.2976,
0.3089

■ 2.5884, 0.2468,
0.2443

284.2146, 0.2986,

■ 0.9208, 0.2222,

0.3101

0.2146

339.3279, 0.2994,
0.3112

0.0000, 0.0000,
0.0000

53.7463, 0.2881,
0.2964

53.7463, 0.2881,
0.2964

43.9243, 0.2704,
0.2720

64.9105, 0.3044,
0.3182

35.3869, 0.2516,
0.2452

77.4584, 0.3193,
0.3374

28.0818, 0.2322,
0.2164

91.4381, 0.3326,
0.3542

21.9507, 0.2129,
0.1866

97.9483, 0.3333,
0.3631

16.9305, 0.1949,
0.1570

■ 12.9516, 0.1791,
0.1293

■ 9.9360, 0.1666,
0.1052

■ 7.7935, 0.1581,
0.0860

■ 7.0617, 0.1553,
0.0791

Harmonies

Analogous

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



53.7463, 0.2776, 0.3020



53.7463, 0.2881, 0.2964



53.7463, 0.3054, 0.2992

Triad

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



53.7463, 0.2881, 0.2964



53.7463, 0.3508, 0.3410



53.7463, 0.2997, 0.3500

Complementary

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



53.7463, 0.2881, 0.2964



66.3674, 0.3370, 0.3596

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.



53.7463, 0.3191, 0.3612



53.7463, 0.2881, 0.2964



53.7463, 0.3490, 0.3552

Square

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



53.7463, 0.2881, 0.2964



53.7463, 0.3420, 0.3244



53.7463, 0.3372, 0.3629



53.7463, 0.2841, 0.3328

Rectangle

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



53.7463, 0.2881, 0.2964



53.7463, 0.3186, 0.3052



53.7463, 0.3372, 0.3629



53.7463, 0.3060, 0.3546

Sweetspot

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



53.7485, 0.2881, 0.2964



91.3679, 0.3051, 0.3191



66.4228, 0.2939, 0.3376



19.3053, 0.3040, 0.3176



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.



53.7485, 0.2881, 0.2964



69.7927, 0.2817, 0.2877



51.9789, 0.2952, 0.2886



13.0485, 0.2981, 0.3099



4.2725, 0.1559, 0.0812



0.4012, 0.1642, 0.1110

Inverse Universe

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



54.1910, 0.3359, 0.3210



70.6521, 0.3427, 0.3190



68.4996, 0.3286, 0.3681



13.0951, 0.3259, 0.3242



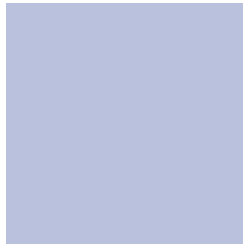
9.0551, 0.6050, 0.3107



0.5992, 0.5596, 0.2856

Previews

White Background



This preview shows how the Yxy color 53.7463, 0.2881, 0.2964 looks on a white background.

Color Contrast Check

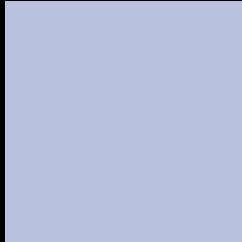
Large Text (above 18pt) WCAG AA × Fail

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 53.7463, 0.2881, 0.2964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

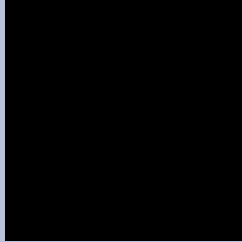
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7463, 0.2881, 0.2964

Background



This preview shows how black text looks on a background with the Yxy color 53.7463, 0.2881, 0.2964.

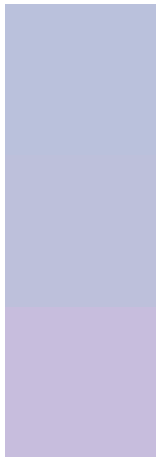


This preview shows how white text looks on a background with the Yxy color 53.7463, 0.2881, 0.2964.

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

53.7463, 0.2881, 0.2964

Protanopia

53.6326, 0.2910, 0.2966

Deuteranopia

53.7578, 0.2971, 0.2914



Tritanopia

53.8737, 0.2935, 0.3106

Trichromacy



Original Color

53.7463, 0.2881, 0.2964

Protanomaly

53.5051, 0.2902, 0.2965

Deuteranomaly

53.5167, 0.2933, 0.2922

Tritanomaly

53.7529, 0.2915, 0.3046

Monochromacy



Original Color

53.7463, 0.2881, 0.2964

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.9717, 0.3038, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7463, 0.2881, 0.2964 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(186, 193, 220)` looks like.

```
.text, #text, p{  
    color:rgb(186, 193, 220)  
}
```

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(186, 193, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 193, 220) }
```

Border

The CSS property to change the border of an element to Yxy 53.7463, 0.2881, 0.2964 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(186, 193, 220) }
```

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

```
.border{ border-color:rgb(186, 193, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 193, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 193, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 193, 220);  
box-shadow:4px 4px 4px 4px rgb(186, 193,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7463, 0.2881, 0.2964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 193, 220) }
```

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

```
.background{ background-color: rgb(186,  
193, 220) }
```

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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