

Converting Colors

Yxy(53.4863, 0.2853, 0.2899)

Have a look what the booklet for
Yxy(53.4863, 0.2853, 0.2899)
contains.

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Color

Yxy(53.5202, 0.2854, 0.2906)

Conversions

Conversions Part 1

Format	Color
Hex	BAC0E0
RGB	186, 192, 224
RGB Percent	73%, 75%, 88%
CMY	0.2704, 0.2471, 0.1215
CMYK	0.17, 0.14, 0.00, 0.12
HSL	231°, 38%, 80%
HSV	231°, 17%, 88%
XYZ	52.5625, 53.5202, 78.0887
YIQ	193.8540, -13.8480, 8.6800

Conversions

Conversions Part 2

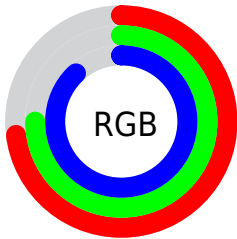
Format	Color
R _Y B	186, 191, 224
Decimal	12239072
CIE Lab	78.18, 4.45, -16.64
CIE LCh	78, 17.227, 284.987
Yxy	53.5202, 0.2854, 0.2906
Android (android.graphics.Color)	4290429152 (0xFFBAC0E0)
YUV	193.8540, 14.8620, -6.8880
Hunter-Lab	73.1575, 0.2238, -12.0762

Details

The Yxy color **53.5202, 0.2854, 0.2906** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **69.5724, 0.3392, 0.3647**, and the grayscale version is **53.7795, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2320, 0.3049, 0.3221**, and **26.2353, 0.2775, 0.2810** is the 20% darker color. If you saturate the color by 10%, you get **43.1621, 0.2672, 0.2642**, and if you desaturate by 10%, it is **65.3875, 0.3021, 0.3142**.

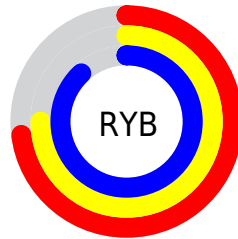
Distribution



Red (73%)

Green (75%)

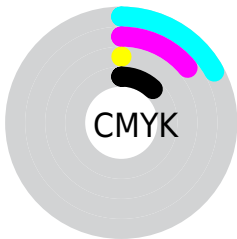
Blue (88%)



Red (73%)

Yellow (75%)

Blue (88%)

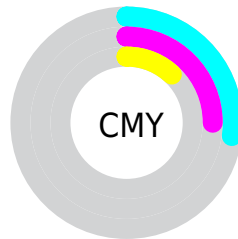


Cyan (17%)

Magenta (14%)

Yellow (0%)

Black (12%)



Cyan (27%)

Magenta (25%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.5202, 0.2854, 0.2906 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 53.5202, 0.2854, 0.2906 by changing the saturation by 10% instead.

■ 53.5202, 0.2854,
0.2906

■ 53.5202, 0.2854,
0.2906

400.2777, 0.2987,
0.3091

■ 38.2182, 0.2822,
0.2862

■ 95.3694, 0.2902,
0.2971

■ 26.1521, 0.2781,
0.2807

122.6854, 0.2920,
0.2996

■ 16.9375, 0.2728,
0.2736

154.7748, 0.2935,
0.3018

■ 10.1899, 0.2657,
0.2641

192.0221, 0.2948,
0.3036

■ 5.5251, 0.2554,
0.2507

234.8117, 0.2960,
0.3052

■ 2.5585, 0.2397,
0.2307

283.5279, 0.2970,

■ 0.9058, 0.2130,

0.3067

0.1976

338.5551, 0.2979,
0.3079

0.0000, 0.0000,
0.0000

53.5202, 0.2854,
0.2906

53.5202, 0.2854,
0.2906

43.1621, 0.2672,
0.2642

65.3875, 0.3021,
0.3142

34.2459, 0.2478,
0.2353

78.8145, 0.3171,
0.3351

26.7089, 0.2278,
0.2045

93.8576, 0.3305,
0.3532

20.4815, 0.2081,
0.1732

98.1625, 0.3309,
0.3591

15.4875, 0.1899,
0.1427

■ 11.6428, 0.1743,
0.1151

■ 8.8523, 0.1625,
0.0924

■ 7.0023, 0.1550,
0.0757

■ 6.5898, 0.1533,
0.0719

Harmonies

Analogous

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



53.5202, 0.2722, 0.2960



53.5202, 0.2854, 0.2906



53.5202, 0.3062, 0.2949

Triad

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



53.5202, 0.2854, 0.2906



53.5202, 0.3581, 0.3448



53.5202, 0.2952, 0.3521

Complementary

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



53.5202, 0.2854, 0.2906



69.5724, 0.3392, 0.3647

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.



53.5202, 0.3179, 0.3664



53.5202, 0.2854, 0.2906



53.5202, 0.3546, 0.3611

Square

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



53.5202, 0.2854, 0.2906



53.5202, 0.3488, 0.3253



53.5202, 0.3397, 0.3694



53.5202, 0.2777, 0.3312

Rectangle

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



53.5202, 0.2854, 0.2906



53.5202, 0.3219, 0.3024



53.5202, 0.3397, 0.3694



53.5202, 0.3025, 0.3579

Sweetspot

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



53.5224, 0.2854, 0.2906



90.9918, 0.3051, 0.3184



68.8077, 0.2910, 0.3363



19.2142, 0.3040, 0.3169



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.



53.5224, 0.2854, 0.2906



67.1387, 0.2797, 0.2825



52.6197, 0.2947, 0.2845



13.5882, 0.2981, 0.3086



3.9425, 0.1538, 0.0736



0.3819, 0.1606, 0.0981

Inverse Universe

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



54.7908, 0.3401, 0.3223



69.1986, 0.3465, 0.3209



70.7662, 0.3287, 0.3723



13.7354, 0.3267, 0.3254



9.3060, 0.6173, 0.3174



0.6560, 0.5787, 0.2962

Previews

White Background



This preview shows how the Yxy color 53.5202, 0.2854, 0.2906 looks on a white background.

Color Contrast Check

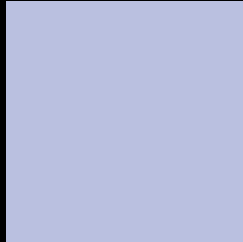
Large Text (above 18pt) WCAG AA × Fail

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 53.5202, 0.2854, 0.2906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

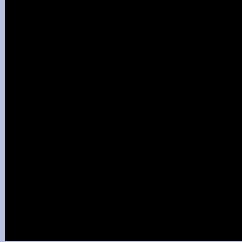
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

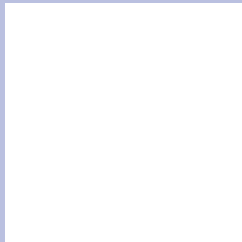
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5202, 0.2854, 0.2906

Background



This preview shows how black text looks on a background with the Yxy color 53.5202, 0.2854, 0.2906.



This preview shows how white text looks on a background with the Yxy color 53.5202, 0.2854, 0.2906.

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

53.5202, 0.2854, 0.2906

Protanopia

53.6459, 0.2861, 0.2907

Deuteranopia

53.2730, 0.2927, 0.2856



Tritanopia

53.3040, 0.2927, 0.3093

Trichromacy



Original Color

53.5202, 0.2854, 0.2906

Protanomaly

53.6459, 0.2861, 0.2907

Deuteranomaly

53.1689, 0.2897, 0.2865

Tritanomaly

53.2366, 0.2900, 0.3021

Monochromacy



Original Color

53.5202, 0.2854, 0.2906

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.6241, 0.3023, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5202, 0.2854, 0.2906 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, 192, 224)` looks like.

```
.text, #text, p{  
    color:rgb(186, 192, 224)  
}
```

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, 192, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 192, 224) }
```

Border

The CSS property to change the border of an element to Yxy 53.5202, 0.2854, 0.2906 is called "border". The border property can be set on classes, ids or directly on the HTML element.

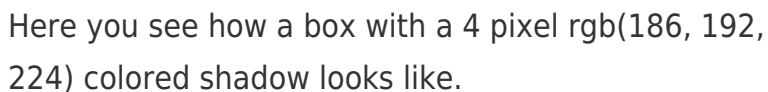
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 192, 224) }
```

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

```
.border{ border-color:rgb(186, 192, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 192, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 192, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 192, 224); box-shadow:4px 4px 4px 4px rgb(186, 192, 224) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5202, 0.2854, 0.2906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 192, 224) }
```

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

```
.background{ background-color: rgb(186,  
192, 224) }
```

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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