

Converting Colors

$Y_{xy}(52.9733, 0.2852, 0.2885)$

Have a look what the booklet for
Yxy(52.9733, 0.2852, 0.2885)
contains.

Yxy(53.0825, 0.2853, 0.2894)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.0825, 0.2853, 0.2894)

Conversions

Conversions Part 1

Format	Color
Hex	BABFE0
RGB	186, 191, 224
RGB Percent	73%, 75%, 88%
CMY	0.2707, 0.2509, 0.1216
CMYK	0.17, 0.15, 0.00, 0.12
HSL	232°, 38%, 80%
HSV	232°, 17%, 88%
XYZ	52.3305, 53.0825, 78.0096
YIQ	193.2670, -13.5730, 9.2030

Conversions

Conversions Part 2

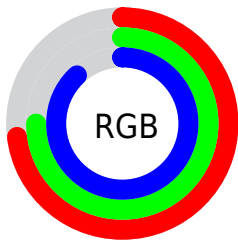
Format	Color
RYB	186, 190, 224
Decimal	12238816
CIELab	77.92, 4.96, -17.02
CIELCh	78, 17.732, 286.243
Yxy	53.0825, 0.2853, 0.2894
Android (android.graphics.Color)	4290428896 (0xFFBABFE0)
YUV	193.2670, 15.1514, -6.3732
Hunter-Lab	72.8577, 0.7076, -12.4821

Details

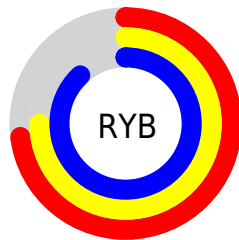
The Yxy color **53.0825, 0.2853, 0.2894** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **70.0377, 0.3390, 0.3657**, and the grayscale version is **53.4080, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.6188, 0.3049, 0.3211**, and **25.9471, 0.2774, 0.2793** is the 20% darker color. If you saturate the color by 10%, you get **42.5739, 0.2670, 0.2622**, and if you desaturate by 10%, it is **65.1600, 0.3020, 0.3137**.

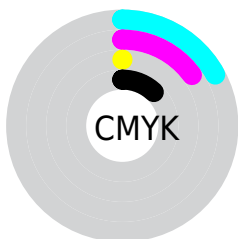
Distribution



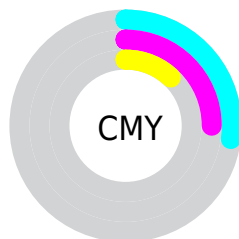
- Red (73%)
- Green (75%)
- Blue (88%)



- Red (73%)
- Yellow (75%)
- Blue (88%)



- Cyan (17%)
- Magenta (15%)
- Yellow (0%)
- Black (12%)



- Cyan (27%)
- Magenta (25%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.0825, 0.2853, 0.2894 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 53.0825, 0.2853, 0.2894 by changing the saturation by 10% instead.

■ 53.0825, 0.2853,
0.2894

■ 53.0825, 0.2853,
0.2894

■ 398.6016, 0.2987,
0.3084

■ 37.8686, 0.2821,
0.2849

■ 94.7258, 0.2901,
0.2961

■ 25.8807, 0.2780,
0.2792

■ 121.9239, 0.2919,
0.2987

■ 16.7344, 0.2726,
0.2719

■ 153.8857, 0.2935,
0.3009

■ 10.0453, 0.2654,
0.2621

■ 190.9954, 0.2948,
0.3028

■ 5.4290, 0.2550,
0.2483

■ 233.6374, 0.2960,
0.3045

■ 2.5011, 0.2391,
0.2276

■ 282.1962, 0.2970,

■ 0.8772, 0.2119,

0.3060

0.1936

337.0561, 0.2979,
0.3073

0.0000, 0.0000,
0.0000

53.0825, 0.2853,
0.2894

53.0825, 0.2853,
0.2894

42.5739, 0.2670,
0.2622

65.1600, 0.3020,
0.3137

33.5631, 0.2474,
0.2324

78.8604, 0.3171,
0.3352

25.9836, 0.2271,
0.2009

94.2433, 0.3304,
0.3539

19.7609, 0.2072,
0.1688

98.1619, 0.3309,
0.3591

14.8140, 0.1887,
0.1379

■ 11.0528, 0.1730,
0.1104

■ 8.3755, 0.1613,
0.0881

■ 6.6597, 0.1541,
0.0725

■ 6.2934, 0.1525,
0.0690

Harmonies

Analogous

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



53.0825, 0.2713, 0.2945



53.0825, 0.2853, 0.2894



53.0825, 0.3070, 0.2942

Triad

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



53.0825, 0.2853, 0.2894



53.0825, 0.3597, 0.3460



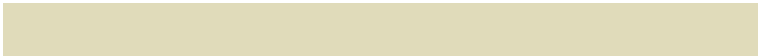
53.0825, 0.2937, 0.3521

Complementary

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



53.0825, 0.2853, 0.2894



70.0377, 0.3390, 0.3657

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.



53.0825, 0.3170, 0.3673



53.0825, 0.2853, 0.2894



53.0825, 0.3556, 0.3626

Square

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



53.0825, 0.2853, 0.2894



53.0825, 0.3506, 0.3260



53.0825, 0.3397, 0.3709



53.0825, 0.2760, 0.3303

Rectangle

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



53.0825, 0.2853, 0.2894



53.0825, 0.3232, 0.3022



53.0825, 0.3397, 0.3709



53.0825, 0.3011, 0.3582

Sweetspot

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



53.0847, 0.2853, 0.2894



90.8058, 0.3051, 0.3181



68.8596, 0.2902, 0.3348



19.1692, 0.3040, 0.3165



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.



53.0847, 0.2853, 0.2894



66.5234, 0.2797, 0.2811



52.7580, 0.2956, 0.2846



13.5344, 0.2981, 0.3080



3.7573, 0.1529, 0.0706



0.3564, 0.1591, 0.0926

Inverse Universe

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



54.7176, 0.3409, 0.3233



69.1365, 0.3475, 0.3222



70.5671, 0.3278, 0.3724



13.7299, 0.3271, 0.3259



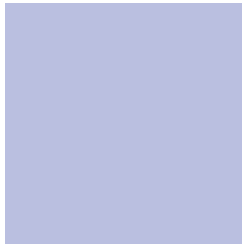
9.2873, 0.6223, 0.3202



0.6534, 0.5872, 0.3008

Previews

White Background



This preview shows how the Yxy color 53.0825, 0.2853, 0.2894 looks on a white background.

Color Contrast Check

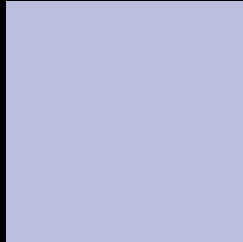
Large Text (above 18pt) WCAG AA × Fail

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 53.0825, 0.2853, 0.2894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

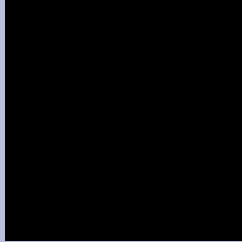
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0825, 0.2853, 0.2894

Background



This preview shows how black text looks on a background with the Yxy color 53.0825, 0.2853, 0.2894.



This preview shows how white text looks on a background with the Yxy color 53.0825, 0.2853, 0.2894.

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

53.0825, 0.2853, 0.2894

Protanopia

53.0825, 0.2853, 0.2894

Deuteranopia

53.1384, 0.2920, 0.2855



Tritanopia

53.2543, 0.2934, 0.3105

Trichromacy



Original Color

53.0825, 0.2853, 0.2894

Protanomaly

53.0825, 0.2853, 0.2894

Deuteranomaly

53.0379, 0.2890, 0.2864

Tritanomaly

53.1853, 0.2907, 0.3033

Monochromacy



Original Color

53.0825, 0.2853, 0.2894

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.0061, 0.3023, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0825, 0.2853, 0.2894 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, 191, 224)` looks like.

```
.text, #text, p{  
    color:rgb(186, 191, 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, 191, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 191, 224) }
```

Border

The CSS property to change the border of an element to Yxy 53.0825, 0.2853, 0.2894 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, 191, 224) }
```

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

```
.border{ border-color:rgb(186, 191, 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, 191, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 191, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 191, 224);  
box-shadow:4px 4px 4px 4px rgb(186, 191,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0825, 0.2853, 0.2894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 191, 224) }
```

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

```
.background{ background-color: rgb(186,  
191, 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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