

Converting Colors

$Yxy(53.2509, 0.2759, 0.2833)$

Have a look what the booklet for
Yxy(53.2509, 0.2759, 0.2833)
contains.

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Color

Yxy(53.4932, 0.2759, 0.2834)

Conversions

Conversions Part 1

Format	Color
Hex	B3C1E7
RGB	179, 193, 231
RGB Percent	70%, 76%, 91%
CMY	0.2982, 0.2431, 0.0941
CMYK	0.23, 0.16, 0.00, 0.09
HSL	224°, 52%, 80%
HSV	224°, 23%, 91%
XYZ	52.0775, 53.4932, 83.1844
YIQ	193.1460, -20.5420, 8.8500

Conversions

Conversions Part 2

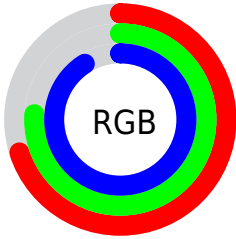
Format	Color
R_{YB}	179, 190, 231
Decimal	11780583
CIE Lab	78.17, 3.26, -20.48
CIE LCh	78, 20.738, 279.036
Yxy	53.4932, 0.2759, 0.2834
Android (android.graphics.Color)	4289970663 (0xFFB3C1E7)
YUV	193.1460, 18.6620, -12.4060
Hunter-Lab	73.1390, -0.8951, -16.2359

Details

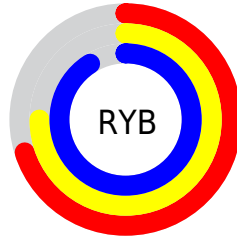
The Yxy color **53.4932, 0.2759, 0.2834** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **69.8435, 0.3498, 0.3708**, and the grayscale version is **53.3138, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.6335, 0.3005, 0.3230**, and **26.2113, 0.2662, 0.2729** is the 20% darker color. If you saturate the color by 10%, you get **43.9342, 0.2578, 0.2594**, and if you desaturate by 10%, it is **64.3677, 0.2930, 0.3051**.

Distribution



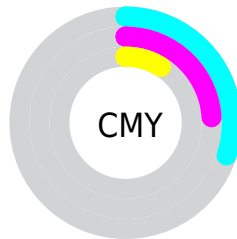
- Red (70%)
- Green (76%)
- Blue (91%)



- Red (70%)
- Yellow (75%)
- Blue (91%)



- Cyan (23%)
- Magenta (16%)
- Yellow (0%)
- Black (9%)



- Cyan (30%)
- Magenta (24%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.4932, 0.2759, 0.2834 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 53.4932, 0.2759, 0.2834 by changing the saturation by 10% instead.

■ 53.4932, 0.2759,
0.2834

■ 53.4932, 0.2759,
0.2834

400.1745, 0.2938,
0.3053

■ 38.1966, 0.2716,
0.2782

■ 95.3297, 0.2823,
0.2911

■ 26.1353, 0.2662,
0.2717

122.6385, 0.2847,
0.2941

■ 16.9249, 0.2593,
0.2634

154.7200, 0.2867,
0.2966

■ 10.1810, 0.2499,
0.2522

191.9589, 0.2885,
0.2988

■ 5.5191, 0.2367,
0.2367

234.7393, 0.2901,
0.3008

■ 2.5549, 0.2169,
0.2137

283.4458, 0.2915,

■ 0.9041, 0.1843,

0.3024

0.1768

338.4627, 0.2927,
0.3039

0.0000, 0.0000,
0.0000

53.4932, 0.2759,
0.2834

53.4932, 0.2759,
0.2834

43.9342, 0.2578,
0.2594

64.3677, 0.2930,
0.3051

35.6328, 0.2391,
0.2334

76.5995, 0.3089,
0.3245

28.5363, 0.2204,
0.2059

90.2368, 0.3234,
0.3415

22.5854, 0.2027,
0.1780

98.5498, 0.3268,
0.3522

17.7155, 0.1867,
0.1507

■ 13.8545, 0.1735,
0.1257

■ 10.9203, 0.1637,
0.1041

■ 9.2563, 0.1586,
0.0908

Harmonies

Analogous

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



53.4932, 0.2625, 0.2919



53.4932, 0.2759, 0.2834



53.4932, 0.2994, 0.2864

Triad

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



53.4932, 0.2759, 0.2834



53.4932, 0.3665, 0.3431



53.4932, 0.2966, 0.3614

Complementary

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



53.4932, 0.2759, 0.2834



69.8435, 0.3498, 0.3708

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.



53.4932, 0.3242, 0.3763



53.4932, 0.2759, 0.2834



53.4932, 0.3653, 0.3640

Square

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



53.4932, 0.2759, 0.2834



53.4932, 0.3524, 0.3199



53.4932, 0.3495, 0.3767



53.4932, 0.2740, 0.3368

Rectangle

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



53.4932, 0.2759, 0.2834



53.4932, 0.3180, 0.2942



53.4932, 0.3495, 0.3767



53.4932, 0.3056, 0.3678

Sweetspot

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



53.4954, 0.2759, 0.2834



88.7368, 0.3019, 0.3160



71.7049, 0.2877, 0.3462



18.7941, 0.3009, 0.3149



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.



53.4954, 0.2759, 0.2834



61.2170, 0.2676, 0.2726



48.9723, 0.2830, 0.2674



14.5172, 0.2981, 0.3113



5.3648, 0.1593, 0.0934



0.5470, 0.1671, 0.1216

Inverse Universe

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



53.0654, 0.3466, 0.3133



60.8364, 0.3557, 0.3099



75.5809, 0.3384, 0.3867



14.4316, 0.3250, 0.3227



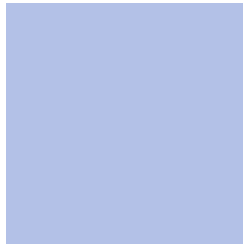
9.7393, 0.5859, 0.3002



0.7349, 0.5443, 0.2772

Previews

White Background



This preview shows how the Yxy color 53.4932, 0.2759, 0.2834 looks on a white background.

Color Contrast Check

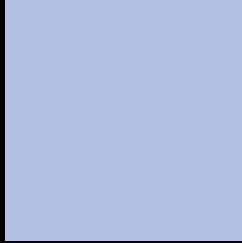
Large Text (above 18pt) WCAG AA × Fail

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 53.4932, 0.2759, 0.2834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

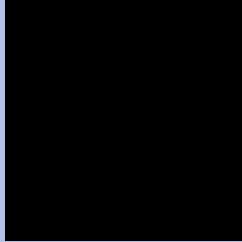
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.4932, 0.2759, 0.2834

Background



This preview shows how black text looks on a background with the Yxy color 53.4932, 0.2759, 0.2834.



This preview shows how white text looks on a background with the Yxy color 53.4932, 0.2759, 0.2834.

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

53.4932, 0.2759, 0.2834

Protanopia

53.2891, 0.2806, 0.2826

Deuteranopia

53.5588, 0.2850, 0.2788



Tritanopia

53.3473, 0.2856, 0.3090

Trichromacy



Original Color

53.4932, 0.2759, 0.2834

Protanomaly

53.4797, 0.2793, 0.2836

Deuteranomaly

53.3445, 0.2814, 0.2795

Tritanomaly

53.3748, 0.2817, 0.2994

Monochromacy



Original Color

53.4932, 0.2759, 0.2834

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.3363, 0.2986, 0.3118

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4932, 0.2759, 0.2834 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(179, 193, 231)` looks like.

```
.text, #text, p{  
    color:rgb(179, 193, 231)  
}
```

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(179, 193, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 193, 231) }
```

Border

The CSS property to change the border of an element to Yxy 53.4932, 0.2759, 0.2834 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(179, 193, 231) }
```

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

```
.border{ border-color:rgb(179, 193, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 193, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 193, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 193, 231);  
box-shadow:4px 4px 4px 4px rgb(179, 193,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4932, 0.2759, 0.2834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 193, 231) }
```

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

```
.background{ background-color: rgb(179,  
193, 231) }
```

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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