

Converting Colors

Yxy(54.9244, 0.2844, 0.2843)

Have a look what the booklet for
Yxy(54.9244, 0.2844, 0.2843)
contains.

Yxy(54.9858, 0.2845, 0.2845)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.9858, 0.2845, 0.2845)

Conversions

Conversions Part 1

Format	Color
Hex	BFC1E7
RGB	191, 193, 231
RGB Percent	75%, 76%, 91%
CMY	0.2508, 0.2432, 0.0942
CMYK	0.17, 0.16, 0.00, 0.09
HSL	237°, 45%, 83%
HSV	237°, 17%, 91%
XYZ	54.9858, 54.9858, 83.3001
YIQ	196.7340, -13.3900, 11.3940

Conversions

Conversions Part 2

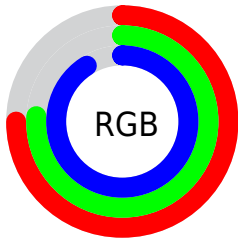
Format	Color
R_{YB}	191, 193, 231
Decimal	12567015
CIE Lab	79.03, 7.00, -19.07
CIE LCh	79, 20.311, 290.145
Yxy	54.9858, 0.2845, 0.2845
Android (android.graphics.Color)	4290757095 (0xFFBFC1E7)
YUV	196.7340, 16.8931, -5.0287
Hunter-Lab	74.1524, 2.5953, -14.6975

Details

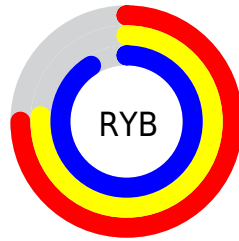
The Yxy color **54.9858, 0.2845, 0.2845** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.8068, 0.3390, 0.3699**, and the grayscale version is **55.5731, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9278, 0.3086, 0.3232**, and **27.1697, 0.2772, 0.2746** is the 20% darker color. If you saturate the color by 10%, you get **43.2213, 0.2656, 0.2544**, and if you desaturate by 10%, it is **68.6704, 0.3015, 0.3114**.

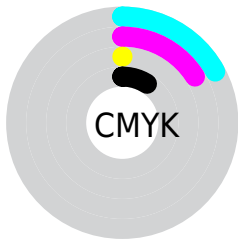
Distribution



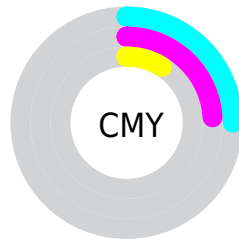
- Red (75%)
- Green (76%)
- Blue (91%)



- Red (75%)
- Yellow (76%)
- Blue (91%)



- Cyan (17%)
- Magenta (16%)
- Yellow (0%)
- Black (9%)



- Cyan (25%)
- Magenta (24%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9858, 0.2845, 0.2845 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 54.9858, 0.2845, 0.2845 by changing the saturation by 10% instead.

■ 54.9858, 0.2845,
0.2845

■ 54.9858, 0.2845,
0.2845

405.8581, 0.2982,
0.3057

■ 39.3904, 0.2812,
0.2795

■ 97.5201, 0.2894,
0.2919

■ 27.0635, 0.2770,
0.2734

125.2278, 0.2913,
0.2948

■ 17.6209, 0.2716,
0.2654

157.7417, 0.2928,
0.2973

■ 10.6782, 0.2643,
0.2549

195.4462, 0.2942,
0.2994

■ 5.8509, 0.2540,
0.2403

238.7257, 0.2954,
0.3012

■ 2.7546, 0.2383,
0.2189

287.9646, 0.2965,

■ 1.0050, 0.2121,

0.3029

0.1848

343.5473, 0.2974,
0.3043

■ 0.0000, 0.0528,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9858, 0.2845,
0.2845

■ 54.9858, 0.2845,
0.2845

■ 43.2213, 0.2656,
0.2544

■ 68.6704, 0.3015,
0.3114

■ 33.2846, 0.2452,
0.2216

■ 84.3484, 0.3166,
0.3351

■ 25.0860, 0.2241,
0.1873

■ 98.5483, 0.3268,
0.3523

■ 18.5255, 0.2033,
0.1531

■ 13.4930, 0.1843,
0.1215

■ 9.8648, 0.1687,
0.0949

■ 7.4979, 0.1577,
0.0755

■ 6.2162, 0.1517,
0.0641

■ 6.0134, 0.1507,
0.0623

Harmonies

Analogous

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



54.9858, 0.2674, 0.2886



54.9858, 0.2845, 0.2845



54.9858, 0.3097, 0.2913

Triad

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



54.9858, 0.2845, 0.2845



54.9858, 0.3662, 0.3508



54.9858, 0.2881, 0.3523

Complementary

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



54.9858, 0.2845, 0.2845



76.8068, 0.3390, 0.3699

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.



54.9858, 0.3139, 0.3710



54.9858, 0.2845, 0.2845



54.9858, 0.3595, 0.3688

Square

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



54.9858, 0.2845, 0.2845



54.9858, 0.3578, 0.3284



54.9858, 0.3401, 0.3768



54.9858, 0.2694, 0.3270

Rectangle

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



54.9858, 0.2845, 0.2845



54.9858, 0.3280, 0.3010



54.9858, 0.3401, 0.3768



54.9858, 0.2962, 0.3596

Sweetspot

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



54.9881, 0.2845, 0.2845



90.1655, 0.3051, 0.3171



73.8789, 0.2878, 0.3312



19.0143, 0.3040, 0.3153



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.



54.9881, 0.2845, 0.2845



62.9132, 0.2775, 0.2733



56.6091, 0.2978, 0.2840



13.9991, 0.2980, 0.3059



3.4232, 0.1509, 0.0631



0.2929, 0.1533, 0.0719

Inverse Universe

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



58.1183, 0.3443, 0.3269



67.6058, 0.3531, 0.3264



75.0515, 0.3258, 0.3737



14.3793, 0.3285, 0.3279



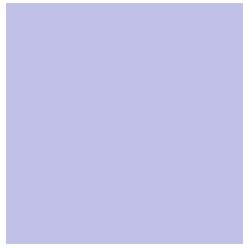
9.5433, 0.6347, 0.3270



0.7093, 0.6201, 0.3190

Previews

White Background



This preview shows how the Yxy color 54.9858, 0.2845, 0.2845 looks on a white background.

Color Contrast Check

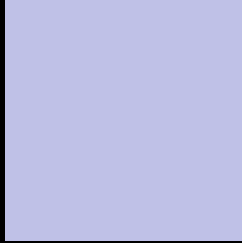
Large Text (above 18pt) WCAG AA × Fail

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 54.9858, 0.2845, 0.2845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

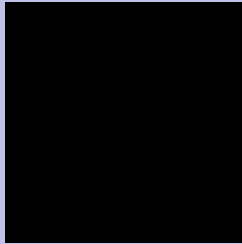
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.9858, 0.2845, 0.2845

Background



This preview shows how black text looks on a background with the Yxy color 54.9858, 0.2845, 0.2845.



This preview shows how white text looks on a background with the Yxy color 54.9858, 0.2845, 0.2845.

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

54.9858, 0.2845, 0.2845

Protanopia

55.1011, 0.2817, 0.2843

Deuteranopia

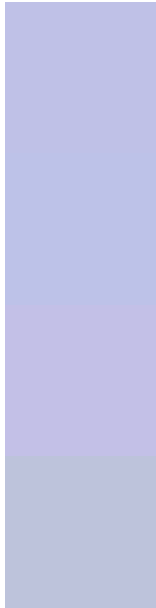
54.9014, 0.2887, 0.2827



Tritanopia

54.9247, 0.2951, 0.3096

Trichromacy



Original Color

54.9858, 0.2845, 0.2845

Protanomaly

55.2286, 0.2824, 0.2844

Deuteranomaly

55.0709, 0.2873, 0.2837

Tritanomaly

54.9635, 0.2911, 0.3002

Monochromacy



Original Color

54.9858, 0.2845, 0.2845

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.6854, 0.3025, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9858, 0.2845, 0.2845 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(191, 193, 231)` looks like.

```
.text, #text, p{  
    color:rgb(191, 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(191, 193, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 193, 231) }
```

Border

The CSS property to change the border of an element to Yxy 54.9858, 0.2845, 0.2845 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(191, 193, 231) }
```

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

```
.border{ border-color:rgb(191, 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(191, 193, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 193, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 193, 231);  
box-shadow:4px 4px 4px 4px rgb(191, 193,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9858, 0.2845, 0.2845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 193, 231) }
```

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

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