

Converting Colors

$Yxy(54.3105, 0.2889, 0.2880)$

Have a look what the booklet for
Yxy(54.3105, 0.2889, 0.2880)
contains.

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Color

Yxy(54.0900, 0.2891, 0.2878)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C1BFE2 |
| RGB | 193, 191, 226 |
| RGB Percent | 76%, 75%, 89% |
| CMY | 0.2434, 0.2509, 0.1138 |
| CMYK | 0.15, 0.15, 0.00, 0.11 |
| HSL | 243°, 38%, 82% |
| HSV | 243°, 15%, 89% |
| XYZ | 54.3343, 54.0900, 79.5187 |
| YIQ | 195.5880, -10.0430, 11.3090 |

Conversions

Conversions Part 2

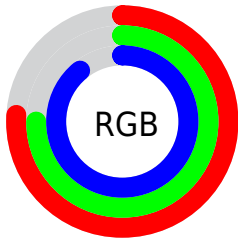
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 193, 191, 226 |
| Decimal | 12697570 |
| CIE Lab | 78.51, 7.58, -17.15 |
| CIE LCh | 79, 18.753, 293.841 |
| Yxy | 54.0900, 0.2891, 0.2878 |
| Android (android.graphics.Color) | 4290887650 (0xFFC1BFE2) |
| YUV | 195.5880, 14.9931, -2.2697 |
| Hunter-Lab | 73.5459, 3.1671, -12.6229 |

Details

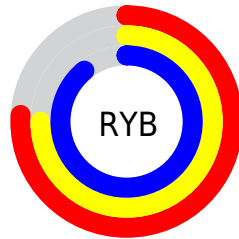
The Yxy color **54.0900, 0.2891, 0.2878** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.0113, 0.3345, 0.3674**, and the grayscale version is **54.8506, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0655, 0.3099, 0.3213**, and **26.6062, 0.2824, 0.2774** is the 20% darker color. If you saturate the color by 10%, you get **42.3747, 0.2713, 0.2570**, and if you desaturate by 10%, it is **67.7365, 0.3049, 0.3153**.

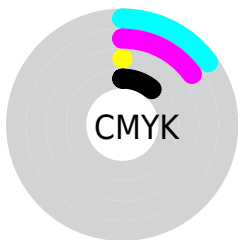
Distribution



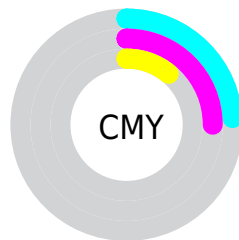
- Red (76%)
- Green (75%)
- Blue (89%)



- Red (76%)
- Yellow (75%)
- Blue (89%)



- Cyan (15%)
- Magenta (15%)
- Yellow (0%)
- Black (11%)



- Cyan (24%)
- Magenta (25%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.0900, 0.2891, 0.2878 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 54.0900, 0.2891, 0.2878 by changing the saturation by 10% instead.

■ 54.0900, 0.2891,
0.2878

■ 54.0900, 0.2891,
0.2878

402.4531, 0.3007,
0.3075

■ 38.6736, 0.2863,
0.2832

■ 96.2064, 0.2932,
0.2947

■ 26.5059, 0.2828,
0.2774

123.6752, 0.2948,
0.2974

■ 17.2025, 0.2781,
0.2699

155.9302, 0.2961,
0.2997

■ 10.3790, 0.2718,
0.2600

193.3559, 0.2973,
0.3016

■ 5.6509, 0.2628,
0.2462

236.3367, 0.2983,
0.3034

■ 2.6340, 0.2490,
0.2257

285.2568, 0.2992,

■ 0.9438, 0.2252,

0.3049

0.1925

340.5009, 0.3000,
0.3062

0.0000, 0.0273,
0.0000

0.0000, 0.0000,
0.0000

54.0900, 0.2891,
0.2878

54.0900, 0.2891,
0.2878

42.3747, 0.2713,
0.2570

67.7365, 0.3049,
0.3153

32.4970, 0.2517,
0.2235

83.3889, 0.3187,
0.3396

24.3657, 0.2309,
0.1884

98.2703, 0.3298,
0.3572

17.8792, 0.2101,
0.1535

■ 12.9251, 0.1904,
0.1213

■ 9.3773, 0.1736,
0.0943

■ 7.0893, 0.1610,
0.0747

■ 5.8824, 0.1533,
0.0637

■ 5.5703, 0.1513,
0.0607

Harmonies

Analogous

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



54.0900, 0.2720, 0.2904



54.0900, 0.2891, 0.2878



54.0900, 0.3131, 0.2953

Triad

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



54.0900, 0.2891, 0.2878



54.0900, 0.3623, 0.3518



54.0900, 0.2873, 0.3478

Complementary

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



54.0900, 0.2891, 0.2878



74.0113, 0.3345, 0.3674

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.



54.0900, 0.3107, 0.3663



54.0900, 0.2891, 0.2878



54.0900, 0.3545, 0.3675

Square

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



54.0900, 0.2891, 0.2878



54.0900, 0.3562, 0.3312



54.0900, 0.3354, 0.3734



54.0900, 0.2709, 0.3243

Rectangle

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



54.0900, 0.2891, 0.2878



54.0900, 0.3300, 0.3050



54.0900, 0.3354, 0.3734



54.0900, 0.2946, 0.3549

Sweetspot

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



54.0922, 0.2891, 0.2878



89.9174, 0.3056, 0.3165



70.0110, 0.2892, 0.3269



18.9543, 0.3045, 0.3146



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.



54.0922, 0.2891, 0.2878



65.2089, 0.2828, 0.2769



56.5041, 0.3022, 0.2894



13.2786, 0.2989, 0.3048



3.1941, 0.1518, 0.0610



0.2341, 0.1569, 0.0638

Inverse Universe

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



58.8282, 0.3159, 0.2928



72.7199, 0.3167, 0.2841



71.3800, 0.3219, 0.3690



13.9221, 0.3146, 0.3071



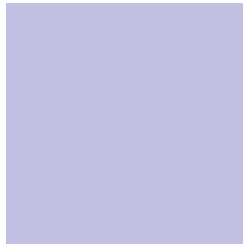
11.9927, 0.3349, 0.1619



0.8352, 0.3326, 0.1606

Previews

White Background



This preview shows how the Yxy color 54.0900, 0.2891, 0.2878 looks on a white background.

Color Contrast Check

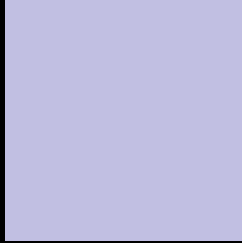
Large Text (above 18pt) WCAG AA × Fail

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 54.0900, 0.2891, 0.2878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

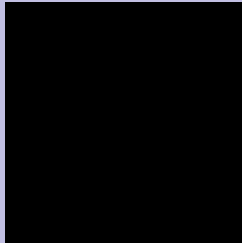
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0900, 0.2891, 0.2878

Background



This preview shows how black text looks on a background with the Yxy color 54.0900, 0.2891, 0.2878.



This preview shows how white text looks on a background with the Yxy color 54.0900, 0.2891, 0.2878.

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

54.0900, 0.2891, 0.2878

Protanopia

54.3773, 0.2849, 0.2886

Deuteranopia

53.8919, 0.2928, 0.2858



Tritanopia

54.1342, 0.2987, 0.3108

Trichromacy



Original Color

54.0900, 0.2891, 0.2878

Protanomaly

54.1925, 0.2863, 0.2876

Deuteranomaly

54.0537, 0.2914, 0.2868

Tritanomaly

54.1226, 0.2953, 0.3025

Monochromacy



Original Color

54.0900, 0.2891, 0.2878

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.6907, 0.3040, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0900, 0.2891, 0.2878 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(193, 191, 226)` looks like.

```
.text, #text, p{  
    color:rgb(193, 191, 226)  
}
```

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(193, 191, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 191, 226) }
```

Border

The CSS property to change the border of an element to Yxy 54.0900, 0.2891, 0.2878 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(193, 191, 226) }
```

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

```
.border{ border-color:rgb(193, 191, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 191, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 191, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 191, 226);  
box-shadow:4px 4px 4px 4px rgb(193, 191,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0900, 0.2891, 0.2878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 191, 226) }
```

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

```
.background{ background-color: rgb(193,  
191, 226) }
```

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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