

Converting Colors

Yxy(54.9284, 0.2979, 0.3090)

Have a look what the booklet for
Yxy(54.9284, 0.2979, 0.3090)
contains.

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Color

Yxy(54.8600, 0.2974, 0.3085)

Conversions

Conversions Part 1

Format	Color
Hex	BFC3D4
RGB	191, 195, 212
RGB Percent	75%, 76%, 83%
CMY	0.2509, 0.2353, 0.1687
CMYK	0.10, 0.08, 0.00, 0.17
HSL	229°, 20%, 79%
HSV	229°, 10%, 83%
XYZ	52.8861, 54.8600, 70.0821
YIQ	195.7420, -7.8410, 4.4390

Conversions

Conversions Part 2

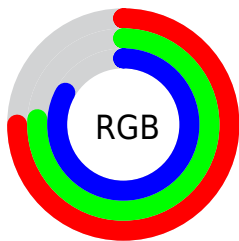
Format	Color
RYB	191, 194, 212
Decimal	12567508
CIELab	78.96, 1.94, -8.96
CIELCh	79, 9.163, 282.196
Yxy	54.8600, 0.2974, 0.3085
Android (android.graphics.Color)	4290757588 (0xFFBFC3D4)
YUV	195.7420, 8.0152, -4.1587
Hunter-Lab	74.0675, -2.1646, -4.2524

Details

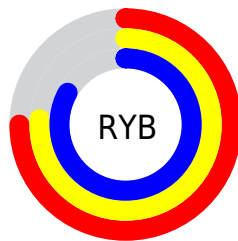
The Yxy color **54.8600, 0.2974, 0.3085** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.8720, 0.3278, 0.3487**, and the grayscale version is **54.9961, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6150, 0.3079, 0.3261**, and **26.8873, 0.2942, 0.3032** is the 20% darker color. If you saturate the color by 10%, you get **45.0522, 0.2804, 0.2851**, and if you desaturate by 10%, it is **65.9550, 0.3129, 0.3292**.

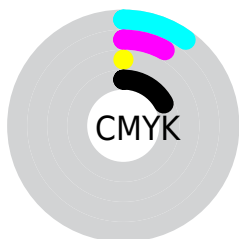
Distribution



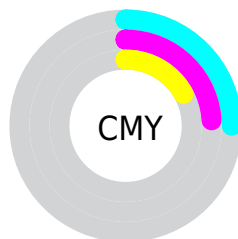
- Red (75%)
- Green (76%)
- Blue (83%)



- Red (75%)
- Yellow (76%)
- Blue (83%)



- Cyan (10%)
- Magenta (8%)
- Yellow (0%)
- Black (17%)



- Cyan (25%)
- Magenta (24%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8600, 0.2974, 0.3085 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 54.8600, 0.2974, 0.3085 by changing the saturation by 10% instead.

■ 54.8600, 0.2974,
0.3085

■ 54.8600, 0.2974,
0.3085

405.3810, 0.3049,
0.3184

■ 39.2896, 0.2956,
0.3061

■ 97.3358, 0.3001,
0.3120

■ 26.9851, 0.2933,
0.3031

125.0100, 0.3011,
0.3134

■ 17.5621, 0.2904,
0.2992

157.4877, 0.3019,
0.3145

■ 10.6360, 0.2863,
0.2940

195.1532, 0.3027,
0.3155

■ 5.8227, 0.2805,
0.2865

238.3908, 0.3033,
0.3164

■ 2.7375, 0.2715,
0.2749

287.5851, 0.3039,

■ 0.9963, 0.2556,

0.3171

0.2549

343.1204, 0.3044,
0.3178

0.0000, 0.0000,
0.0000

54.8600, 0.2974,
0.3085

54.8600, 0.2974,
0.3085

45.0522, 0.2804,
0.2851

65.9550, 0.3129,
0.3292

36.4779, 0.2621,
0.2592

78.3747, 0.3268,
0.3474

29.0897, 0.2429,
0.2309

92.1636, 0.3392,
0.3632

22.8342, 0.2233,
0.2011

97.5330, 0.3382,
0.3711

17.6544, 0.2043,
0.1708

■ 13.4876, 0.1870,
0.1416

■ 10.2647, 0.1725,
0.1152

■ 7.9068, 0.1617,
0.0934

■ 6.3037, 0.1548,
0.0771

Harmonies

Analogous

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



54.8600, 0.2907, 0.3122



54.8600, 0.2974, 0.3085



54.8600, 0.3083, 0.3102

Triad

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



54.8600, 0.2974, 0.3085



54.8600, 0.3363, 0.3368



54.8600, 0.3046, 0.3419

Complementary

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



54.8600, 0.2974, 0.3085



62.8720, 0.3278, 0.3487

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.



54.8600, 0.3168, 0.3488



54.8600, 0.2974, 0.3085



54.8600, 0.3352, 0.3455

Square

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



54.8600, 0.2974, 0.3085



54.8600, 0.3309, 0.3263



54.8600, 0.3280, 0.3500



54.8600, 0.2948, 0.3314

Rectangle

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



54.8600, 0.2974, 0.3085



54.8600, 0.3166, 0.3140



54.8600, 0.3280, 0.3500



54.8600, 0.3086, 0.3447

Sweetspot

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



54.8623, 0.2974, 0.3085



94.6880, 0.3082, 0.3230



62.7048, 0.3003, 0.3339



19.9699, 0.3069, 0.3213



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.



54.8623, 0.2974, 0.3085



79.8447, 0.2937, 0.3035



53.9333, 0.3022, 0.3040



12.3868, 0.2982, 0.3095



3.9930, 0.1552, 0.0788



0.3558, 0.1638, 0.1096

Inverse Universe

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



55.2042, 0.3269, 0.3244



80.5118, 0.3305, 0.3233



63.9233, 0.3225, 0.3536



12.4590, 0.3261, 0.3246



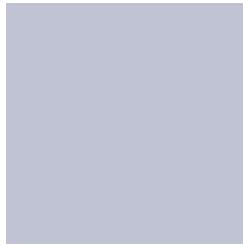
8.7479, 0.6089, 0.3128



0.5392, 0.5617, 0.2868

Previews

White Background



This preview shows how the Yxy color 54.8600, 0.2974, 0.3085 looks on a white background.

Color Contrast Check

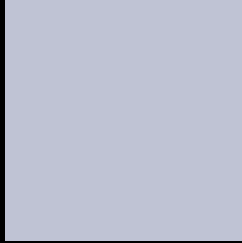
Large Text (above 18pt) WCAG AA × Fail

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 54.8600, 0.2974, 0.3085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

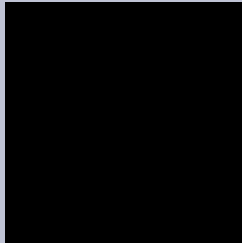
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

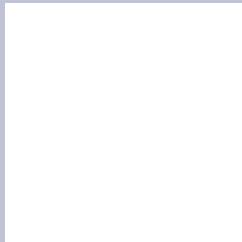
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.8600, 0.2974, 0.3085

Background



This preview shows how black text looks on a background with the Yxy color 54.8600, 0.2974, 0.3085.

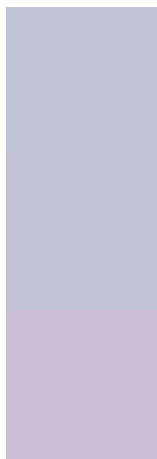


This preview shows how white text looks on a background with the Yxy color 54.8600, 0.2974, 0.3085.

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

54.8600, 0.2974, 0.3085

Protanopia

54.7561, 0.3004, 0.3086

Deuteranopia

54.7528, 0.3084, 0.3022



Tritanopia

54.8097, 0.2981, 0.3097

Trichromacy



Original Color

54.8600, 0.2974, 0.3085

Protanomaly

54.6242, 0.2996, 0.3085

Deuteranomaly

54.9209, 0.3044, 0.3042

Tritanomaly

54.8097, 0.2981, 0.3097

Monochromacy



Original Color

54.8600, 0.2974, 0.3085

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.2135, 0.3068, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8600, 0.2974, 0.3085 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, 195, 212)` looks like.

```
.text, #text, p{  
    color:rgb(191, 195, 212)  
}
```

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, 195, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 195, 212) }
```

Border

The CSS property to change the border of an element to Yxy 54.8600, 0.2974, 0.3085 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, 195, 212) }
```

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

```
.border{ border-color:rgb(191, 195, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 195, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 195, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 195, 212);  
box-shadow:4px 4px 4px 4px rgb(191, 195,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8600, 0.2974, 0.3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 195, 212) }
```

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

```
.background{ background-color: rgb(191,  
195, 212) }
```

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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