

Converting Colors

$Yxy(52.7606, 0.2873, 0.2894)$

Have a look what the booklet for
Yxy(52.7606, 0.2873, 0.2894)
contains.

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Color

Yxy(52.8460, 0.2874, 0.2895)

Conversions

Conversions Part 1

Format	Color
Hex	BCBEDF
RGB	188, 190, 223
RGB Percent	74%, 75%, 87%
CMY	0.2629, 0.2548, 0.1256
CMYK	0.16, 0.15, 0.00, 0.13
HSL	236°, 35%, 81%
HSV	236°, 16%, 87%
XYZ	52.4627, 52.8460, 77.2337
YIQ	193.1640, -11.7850, 9.8390

Conversions

Conversions Part 2

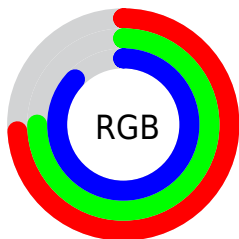
Format	Color
R _{YB}	188, 190, 223
Decimal	12369631
CIE Lab	77.78, 5.91, -16.67
CIE LCh	78, 17.685, 289.511
Yxy	52.8460, 0.2874, 0.2895
Android (android.graphics.Color)	4290559711 (0xFFBCBEDF)
YUV	193.1640, 14.7091, -4.5288
Hunter-Lab	72.6953, 1.6031, -12.1048

Details

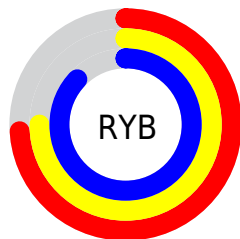
The Yxy color **52.8460, 0.2874, 0.2895** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **70.9891, 0.3365, 0.3657**, and the grayscale version is **53.3448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3646, 0.3062, 0.3202**, and **25.7868, 0.2800, 0.2794** is the 20% darker color. If you saturate the color by 10%, you get **41.7839, 0.2689, 0.2603**, and if you desaturate by 10%, it is **65.6594, 0.3041, 0.3156**.

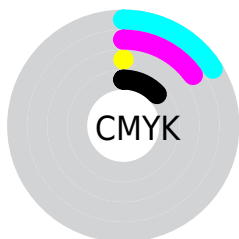
Distribution



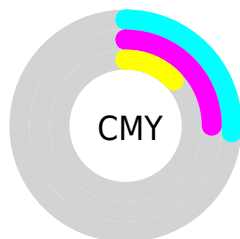
- Red (74%)
- Green (75%)
- Blue (87%)



- Red (74%)
- Yellow (75%)
- Blue (87%)



- Cyan (16%)
- Magenta (15%)
- Yellow (0%)
- Black (13%)



- Cyan (26%)
- Magenta (25%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.8460, 0.2874, 0.2895 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 52.8460, 0.2874, 0.2895 by changing the saturation by 10% instead.

■ 52.8460, 0.2874,
0.2895

■ 52.8460, 0.2874,
0.2895

■ 397.6940, 0.2998,
0.3085

■ 37.6798, 0.2844,
0.2850

■ 94.3777, 0.2918,
0.2962

■ 25.7343, 0.2806,
0.2793

■ 121.5121, 0.2935,
0.2988

■ 16.6250, 0.2756,
0.2720

■ 153.4046, 0.2950,
0.3010

■ 9.9675, 0.2688,
0.2623

■ 190.4398, 0.2962,
0.3029

■ 5.3774, 0.2591,
0.2485

■ 233.0019, 0.2973,
0.3046

■ 2.4704, 0.2441,
0.2279

■ 281.4753, 0.2982,

■ 0.8617, 0.2182,

0.3060

0.1940

336.2446, 0.2991,
0.3073

0.0000, 0.0000,
0.0000

52.8460, 0.2874,
0.2895

52.8460, 0.2874,
0.2895

41.7839, 0.2689,
0.2603

65.6594, 0.3041,
0.3156

32.3909, 0.2488,
0.2283

80.2886, 0.3188,
0.3384

24.5877, 0.2279,
0.1945

96.8030, 0.3317,
0.3583

18.2864, 0.2071,
0.1605

98.1067, 0.3316,
0.3602

13.3903, 0.1878,
0.1283

■ 9.7914, 0.1715,
0.1006

■ 7.3660, 0.1596,
0.0796

■ 5.9661, 0.1526,
0.0663

■ 5.6167, 0.1508,
0.0629

Harmonies

Analogous

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



52.8460, 0.2723, 0.2935



52.8460, 0.2874, 0.2895



52.8460, 0.3096, 0.2953

Triad

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



52.8460, 0.2874, 0.2895



52.8460, 0.3598, 0.3481



52.8460, 0.2915, 0.3499

Complementary

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



52.8460, 0.2874, 0.2895



70.9891, 0.3365, 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.



52.8460, 0.3144, 0.3661



52.8460, 0.2874, 0.2895



52.8460, 0.3543, 0.3640

Square

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



52.8460, 0.2874, 0.2895



52.8460, 0.3522, 0.3282



52.8460, 0.3374, 0.3711



52.8460, 0.2746, 0.3278

Rectangle

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



52.8460, 0.2874, 0.2895



52.8460, 0.3258, 0.3039



52.8460, 0.3374, 0.3711



52.8460, 0.2987, 0.3563

Sweetspot

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



52.8482, 0.2874, 0.2895



90.2415, 0.3051, 0.3172



68.6541, 0.2904, 0.3316



19.0327, 0.3040, 0.3155



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.



52.8482, 0.2874, 0.2895



66.2143, 0.2812, 0.2798



53.9936, 0.2989, 0.2884



13.3716, 0.2981, 0.3062



3.3567, 0.1511, 0.0638



0.2788, 0.1542, 0.0749

Inverse Universe

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



55.3545, 0.3406, 0.3267



70.2908, 0.3481, 0.3262



69.7770, 0.3250, 0.3692



13.7135, 0.3283, 0.3277



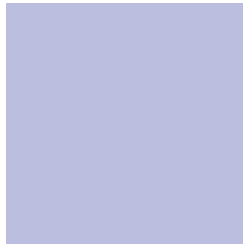
9.2469, 0.6336, 0.3264



0.6456, 0.6152, 0.3162

Previews

White Background



This preview shows how the Yxy color 52.8460, 0.2874, 0.2895 looks on a white background.

Color Contrast Check

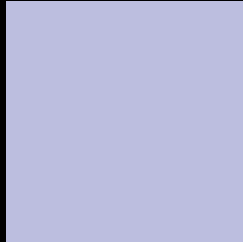
Large Text (above 18pt) WCAG AA × Fail

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 52.8460, 0.2874, 0.2895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

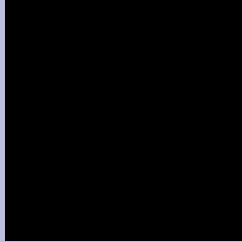
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

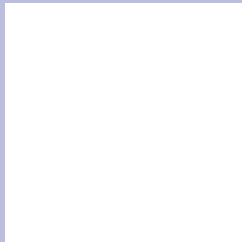
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.8460, 0.2874, 0.2895

Background



This preview shows how black text looks on a background with the Yxy color 52.8460, 0.2874, 0.2895.



This preview shows how white text looks on a background with the Yxy color 52.8460, 0.2874, 0.2895.

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

52.8460, 0.2874, 0.2895

Protanopia

53.0284, 0.2860, 0.2905

Deuteranopia

52.6041, 0.2933, 0.2865



Tritanopia

53.0083, 0.2956, 0.3105

Trichromacy



Original Color

52.8460, 0.2874, 0.2895

Protanomaly

53.1541, 0.2867, 0.2906

Deuteranomaly

52.6316, 0.2911, 0.2875

Tritanomaly

52.9425, 0.2928, 0.3033

Monochromacy



Original Color

52.8460, 0.2874, 0.2895

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.1353, 0.3031, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8460, 0.2874, 0.2895 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(188, 190, 223)` looks like.

```
.text, #text, p{  
    color:rgb(188, 190, 223)  
}
```

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(188, 190, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 190, 223) }
```

Border

The CSS property to change the border of an element to Yxy 52.8460, 0.2874, 0.2895 is called "border". The border property can be set on classes, ids or directly on the HTML element.

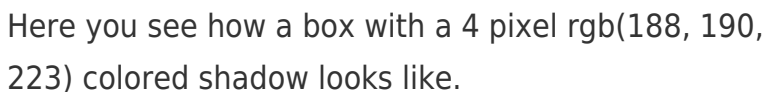
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 190, 223) }
```

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

```
.border{ border-color:rgb(188, 190, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 190, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 190, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 190, 223);  
box-shadow:4px 4px 4px 4px rgb(188, 190,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8460, 0.2874, 0.2895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 190, 223) }
```

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

```
.background{ background-color: rgb(188,  
190, 223) }
```

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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