

Converting Colors

Yxy(50.6684, 0.3086, 0.2949)

Have a look what the booklet for
Yxy(50.6684, 0.3086, 0.2949)
contains.

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Color

Yxy(50.8056, 0.3085, 0.2958)

Conversions

Conversions Part 1

Format	Color
Hex	CBB6D2
RGB	203, 182, 210
RGB Percent	80%, 71%, 82%
CMY	0.2039, 0.2862, 0.1766
CMYK	0.03, 0.13, 0.00, 0.18
HSL	285°, 24%, 77%
HSV	285°, 13%, 82%
XYZ	52.9869, 50.8056, 67.9641
YIQ	191.4710, 3.5280, 13.1600

Conversions

Conversions Part 2

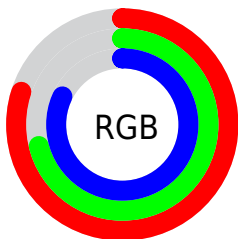
Format	Color
R_{YB}	203, 182, 210
Decimal	13350610
CIE _{Lab}	76.56, 12.54, -11.34
CIE _{LCh}	77, 16.904, 317.886
Yxy	50.8056, 0.3085, 0.2958
Android (android.graphics.Color)	4291540690 (0xFFCBB6D2)
YUV	191.4710, 9.1348, 10.1109
Hunter-Lab	71.2780, 7.9573, -6.6388

Details

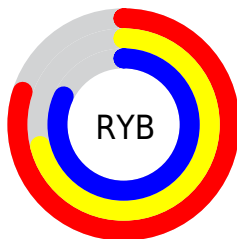
The Yxy color **50.8056, 0.3085, 0.2958** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **60.2693, 0.3163, 0.3634**, and the grayscale version is **52.3332, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6291, 0.3135, 0.3127**, and **24.4904, 0.3068, 0.2863** is the 20% darker color. If you saturate the color by 10%, you get **42.1207, 0.3046, 0.2695**, and if you desaturate by 10%, it is **60.8091, 0.3118, 0.3210**.

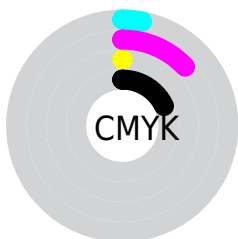
Distribution



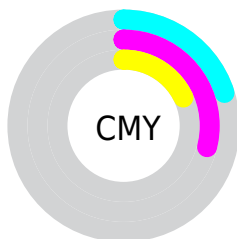
- Red (80%)
- Green (71%)
- Blue (82%)



- Red (80%)
- Yellow (71%)
- Blue (82%)



- Cyan (3%)
- Magenta (13%)
- Yellow (0%)
- Black (18%)



- Cyan (20%)
- Magenta (29%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.8056, 0.3085, 0.2958 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 50.8056, 0.3085, 0.2958 by changing the saturation by 10% instead.

■ 50.8056, 0.3085,
0.2958

■ 50.8056, 0.3085,
0.2958

389.8080, 0.3107,
0.3118

■ 36.0539, 0.3079,
0.2920

■ 91.3674, 0.3093,
0.3015

■ 24.4758, 0.3071,
0.2872

117.9462, 0.3096,
0.3036

■ 15.6870, 0.3061,
0.2810

149.2363, 0.3099,
0.3055

■ 9.3029, 0.3046,
0.2726

185.6219, 0.3101,
0.3071

■ 4.9393, 0.3023,
0.2608

227.4875, 0.3103,
0.3085

■ 2.2117, 0.2983,
0.2428

275.2174, 0.3105,

■ 0.7264, 0.2910,

0.3097

0.2101

329.1962, 0.3106,
0.3108

■ 0.0000, 0.0000,
0.0000

■ 50.8056, 0.3085,
0.2958

■ 50.8056, 0.3085,
0.2958

■ 42.1207, 0.3046,
0.2695

■ 60.8091, 0.3118,
0.3210

■ 34.6903, 0.3000,
0.2427

■ 72.1784, 0.3144,
0.3446

■ 28.4550, 0.2947,
0.2161

■ 84.9665, 0.3166,
0.3665

■ 23.3475, 0.2888,
0.1910

■ 92.0053, 0.3192,
0.3760

■ 19.2943, 0.2825,
0.1683

■ 92.8530, 0.3225,
0.3755

■ 16.2126, 0.2758,
0.1492

■ 93.7267, 0.3259,
0.3750

■ 14.0072, 0.2691,
0.1344

■ 94.6264, 0.3293,
0.3745

■ 12.5630, 0.2624,
0.1243

■ 95.5525, 0.3327,
0.3741

■ 11.8895, 0.2581,
0.1196

■ 96.5052, 0.3361,
0.3736

Harmonies

Analogous

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



50.8056, 0.2872, 0.2907



50.8056, 0.3085, 0.2958



50.8056, 0.3317, 0.3090

Triad

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



50.8056, 0.3085, 0.2958



50.8056, 0.3536, 0.3623



50.8056, 0.2765, 0.3291

Complementary

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



50.8056, 0.3085, 0.2958



60.2693, 0.3163, 0.3634

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.



50.8056, 0.2932, 0.3503



50.8056, 0.3085, 0.2958



50.8056, 0.3378, 0.3696

Square

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



50.8056, 0.3085, 0.2958



50.8056, 0.3583, 0.3465



50.8056, 0.3156, 0.3654



50.8056, 0.2692, 0.3088

Rectangle

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



50.8056, 0.3085, 0.2958



50.8056, 0.3449, 0.3208



50.8056, 0.3156, 0.3654



50.8056, 0.2811, 0.3364

Sweetspot

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



50.8078, 0.3085, 0.2958



93.1854, 0.3115, 0.3192



50.9915, 0.2918, 0.3030



19.6795, 0.3113, 0.3173



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.



50.8078, 0.3085, 0.2958



74.7986, 0.3074, 0.2884



51.4664, 0.3198, 0.3043



11.8547, 0.3099, 0.3058



7.3044, 0.2590, 0.1201



0.4445, 0.2709, 0.1266

Inverse Universe

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



50.8285, 0.3311, 0.3207



74.8557, 0.3358, 0.3189



59.6968, 0.3063, 0.3550



11.8558, 0.3252, 0.3232



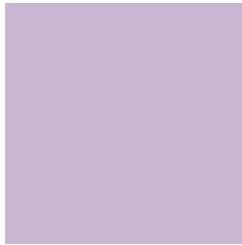
8.5243, 0.5917, 0.3033



0.4896, 0.5384, 0.2739

Previews

White Background



This preview shows how the Yxy color 50.8056, 0.3085, 0.2958 looks on a white background.

Color Contrast Check

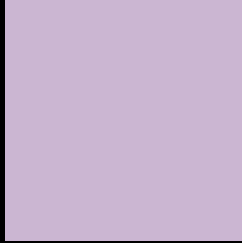
Large Text (above 18pt) WCAG AA × Fail

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 50.8056, 0.3085, 0.2958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

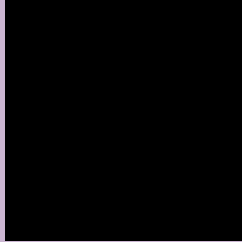
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.8056, 0.3085, 0.2958

Background



This preview shows how black text looks on a background with the Yxy color 50.8056, 0.3085, 0.2958.



This preview shows how white text looks on a background with the Yxy color 50.8056, 0.3085, 0.2958.

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

50.8056, 0.3085, 0.2958

Protanopia

51.1358, 0.2913, 0.2971

Deuteranopia

50.9399, 0.3043, 0.2978



Tritanopia

50.7757, 0.3160, 0.3121

Trichromacy



Original Color

50.8056, 0.3085, 0.2958

Protanomaly

51.1284, 0.2973, 0.2963

Deuteranomaly

50.7995, 0.3060, 0.2967

Tritanomaly

50.6878, 0.3138, 0.3062

Monochromacy



Original Color

50.8056, 0.3085, 0.2958

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.6458, 0.3108, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8056, 0.3085, 0.2958 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(203, 182, 210)` looks like.

```
.text, #text, p{  
    color:rgb(203, 182, 210)  
}
```

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(203, 182, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 182, 210) }
```

Border

The CSS property to change the border of an element to Yxy 50.8056, 0.3085, 0.2958 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(203, 182, 210) }
```

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

```
.border{ border-color:rgb(203, 182, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 182, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 182, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 182, 210);  
box-shadow:4px 4px 4px 4px rgb(203, 182,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8056, 0.3085, 0.2958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 182, 210) }
```

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

```
.background{ background-color: rgb(203,  
182, 210) }
```

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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