

Converting Colors

Yxy(51.3268, 0.3087, 0.2942)

Have a look what the booklet for
Yxy(51.3268, 0.3087, 0.2942)
contains.

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Color

Yxy(51.1885, 0.3086, 0.2937)

Conversions

Conversions Part 1

Format	Color
Hex	CDB6D4
RGB	205, 182, 212
RGB Percent	80%, 71%, 83%
CMY	0.1961, 0.2862, 0.1687
CMYK	0.03, 0.14, 0.00, 0.17
HSL	286°, 26%, 77%
HSV	286°, 14%, 83%
XYZ	53.7854, 51.1885, 69.3145
YIQ	192.2970, 4.0780, 14.2060

Conversions

Conversions Part 2

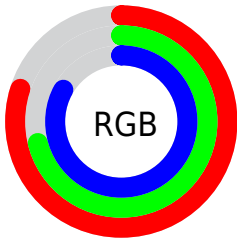
Format	Color
R_{YB}	205, 182, 212
Decimal	13481684
CIE _{Lab}	76.79, 13.60, -12.06
CIE _{LCh}	77, 18.175, 318.426
Yxy	51.1885, 0.3086, 0.2937
Android (android.graphics.Color)	4291671764 (0xFFCDB6D4)
YUV	192.2970, 9.7136, 11.1405
Hunter-Lab	71.5461, 8.9831, -7.3583

Details

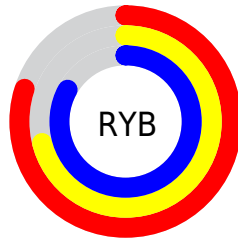
The Yxy color **51.1885, 0.3086, 0.2937** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **61.2678, 0.3161, 0.3657**, and the grayscale version is **52.8358, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6291, 0.3135, 0.3127**, and **24.7141, 0.3080, 0.2851** is the 20% darker color. If you saturate the color by 10%, you get **42.4646, 0.3050, 0.2674**, and if you desaturate by 10%, it is **61.2531, 0.3116, 0.3190**.

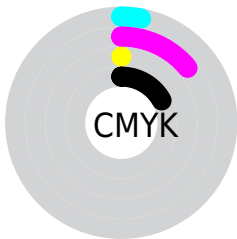
Distribution



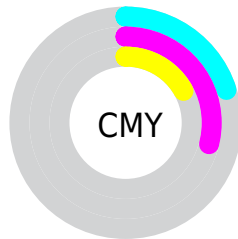
- Red (80%)
- Green (71%)
- Blue (83%)



- Red (80%)
- Yellow (71%)
- Blue (83%)



- Cyan (3%)
- Magenta (14%)
- Yellow (0%)
- Black (17%)





- Cyan (20%)
- Magenta (29%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.1885, 0.3086, 0.2937 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 51.1885, 0.3086, 0.2937 by changing the saturation by 10% instead.


 51.1885, 0.3086,
0.2937

 51.1885, 0.3086,
0.2937


391.2957, 0.3108,
0.3106

 36.3586, 0.3080,
0.2897


 91.9333, 0.3094,
0.2997

 24.7113, 0.3072,
0.2846


118.6171, 0.3097,
0.3020

 15.8621, 0.3062,
0.2781


150.0210, 0.3100,
0.3040

 9.4266, 0.3047,
0.2693

186.5294, 0.3102,
0.3057

 5.0205, 0.3023,
0.2570

228.5266, 0.3104,
0.3071

 2.2593, 0.2983,
0.2383

276.3972, 0.3105,

 0.7520, 0.2907,

0.3084

0.2055

330.5254, 0.3107,
0.3096

0.0000, 0.0000,
0.0000

51.1885, 0.3086,
0.2937

51.1885, 0.3086,
0.2937

42.4646, 0.3050,
0.2674

61.2531, 0.3116,
0.3190

35.0157, 0.3007,
0.2407

72.7072, 0.3141,
0.3428

28.7805, 0.2958,
0.2144

85.6051, 0.3161,
0.3648

23.6899, 0.2903,
0.1897

92.2365, 0.3185,
0.3738

19.6678, 0.2844,
0.1676

93.0396, 0.3217,
0.3733

■ 16.6286, 0.2781,
0.1492

■ 93.8657, 0.3248,
0.3729

■ 14.4736, 0.2718,
0.1351

■ 94.7151, 0.3280,
0.3725

■ 13.0828, 0.2657,
0.1257

■ 95.5880, 0.3313,
0.3720

■ 12.5013, 0.2621,
0.1218

■ 96.4845, 0.3345,
0.3716

Harmonies

Analogous

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



51.1885, 0.2857, 0.2880



51.1885, 0.3086, 0.2937



51.1885, 0.3335, 0.3079

Triad

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



51.1885, 0.3086, 0.2937



51.1885, 0.3563, 0.3648



51.1885, 0.2737, 0.3286

Complementary

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



51.1885, 0.3086, 0.2937



61.2678, 0.3161, 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.



51.1885, 0.2914, 0.3515



51.1885, 0.3086, 0.2937



51.1885, 0.3392, 0.3727

Square

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



51.1885, 0.3086, 0.2937



51.1885, 0.3616, 0.3480



51.1885, 0.3153, 0.3680



51.1885, 0.2662, 0.3070

Rectangle

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



51.1885, 0.3086, 0.2937



51.1885, 0.3476, 0.3205



51.1885, 0.3153, 0.3680



51.1885, 0.2786, 0.3365

Sweetspot

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



51.1907, 0.3086, 0.2937



93.2165, 0.3117, 0.3192



51.0936, 0.2904, 0.3006



19.6874, 0.3114, 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.



51.1907, 0.3086, 0.2937



73.5289, 0.3076, 0.2858



51.8113, 0.3206, 0.3033



12.4803, 0.3101, 0.3058



7.7672, 0.2630, 0.1222



0.5047, 0.2734, 0.1280

Inverse Universe

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



51.1258, 0.3329, 0.3208



73.4320, 0.3381, 0.3189



60.7374, 0.3056, 0.3561



12.4677, 0.3255, 0.3236



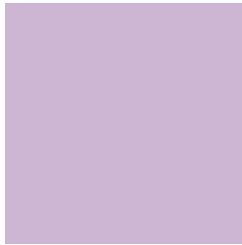
8.7926, 0.5970, 0.3062



0.5433, 0.5474, 0.2789

Previews

White Background



This preview shows how the Yxy color 51.1885, 0.3086, 0.2937 looks on a white background.

Color Contrast Check

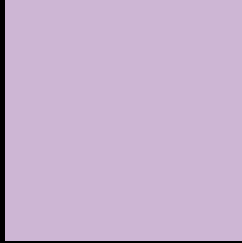
Large Text (above 18pt) WCAG AA × Fail

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 51.1885, 0.3086, 0.2937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

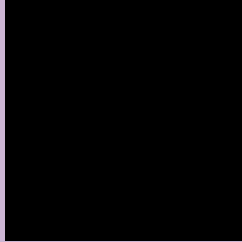
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.1885, 0.3086, 0.2937

Background



This preview shows how black text looks on a background with the Yxy color 51.1885, 0.3086, 0.2937.



This preview shows how white text looks on a background with the Yxy color 51.1885, 0.3086, 0.2937.

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

51.1885, 0.3086, 0.2937

Protanopia

51.2386, 0.2899, 0.2948

Deuteranopia

51.4068, 0.3036, 0.2979



Tritanopia

51.1010, 0.3169, 0.3110

Trichromacy



Original Color

51.1885, 0.3086, 0.2937

Protanomaly

51.2306, 0.2959, 0.2940

Deuteranomaly

51.4016, 0.3060, 0.2969

Tritanomaly

51.0640, 0.3139, 0.3039

Monochromacy



Original Color

51.1885, 0.3086, 0.2937

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.9603, 0.3117, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1885, 0.3086, 0.2937 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(205, 182, 212)` looks like.

```
.text, #text, p{  
    color:rgb(205, 182, 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(205, 182, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 182, 212) }
```

Border

The CSS property to change the border of an element to Yxy 51.1885, 0.3086, 0.2937 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(205, 182, 212) }
```

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

```
.border{ border-color:rgb(205, 182, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 182, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 182, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 182, 212);  
box-shadow:4px 4px 4px 4px rgb(205, 182,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1885, 0.3086, 0.2937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 182, 212) }
```

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

```
.background{ background-color: rgb(205,  
182, 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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