

Converting Colors

$Yxy(46.3963, 0.3274, 0.3083)$

Have a look what the booklet for
Yxy(46.3963, 0.3274, 0.3083)
contains.

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Color

Yxy(46.5840, 0.3270, 0.3083)

Conversions

Conversions Part 1

Format	Color
Hex	CDADBE
RGB	205, 173, 190
RGB Percent	80%, 68%, 75%
CMY	0.1962, 0.3215, 0.2549
CMYK	0.00, 0.16, 0.07, 0.20
HSL	328°, 24%, 74%
HSV	328°, 16%, 80%
XYZ	49.4096, 46.5840, 55.1060
YIQ	184.5060, 13.6150, 12.0710

Conversions

Conversions Part 2

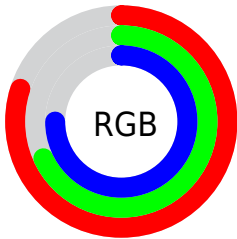
Format	Color
R _Y B	205, 173, 190
Decimal	13479358
CIE Lab	73.92, 14.43, -4.34
CIE LCh	74, 15.073, 343.250
Yxy	46.5840, 0.3270, 0.3083
Android (android.graphics.Color)	4291669438 (0xFFCDADBE)
YUV	184.5060, 2.7085, 17.9732
Hunter-Lab	68.2525, 9.7785, -0.0931

Details

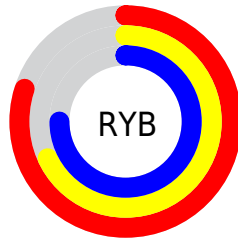
The Yxy color **46.5840, 0.3270, 0.3083** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.1659, 0.3005, 0.3507**, and the grayscale version is **48.2063, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9524, 0.3196, 0.3124**, and **22.0602, 0.3311, 0.3029** is the 20% darker color. If you saturate the color by 10%, you get **38.9120, 0.3385, 0.2943**, and if you desaturate by 10%, it is **55.4937, 0.3174, 0.3218**.

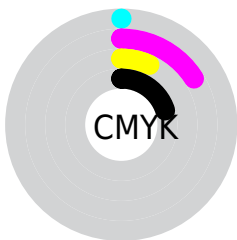
Distribution



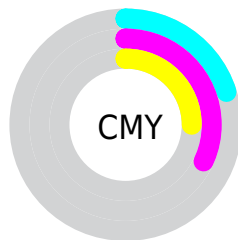
- Red (80%)
- Green (68%)
- Blue (75%)



- Red (80%)
- Yellow (68%)
- Blue (75%)



- Cyan (0%)
- Magenta (16%)
- Yellow (7%)
- Black (20%)



- Cyan (20%)
- Magenta (32%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.5840, 0.3270, 0.3083 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 46.5840, 0.3270, 0.3083 by changing the saturation by 10% instead.


 46.5840, 0.3270,
0.3083

 46.5840, 0.3270,
0.3083


373.1516, 0.3199,
0.3185

 32.7069, 0.3287,
0.3058


 85.0923, 0.3245,
0.3120

 21.9020, 0.3310,
0.3026

110.4924, 0.3235,
0.3134

 13.7849, 0.3339,
0.2984


140.5022, 0.3227,
0.3145

 7.9712, 0.3380,
0.2927

175.5061, 0.3220,
0.3156

 4.0765, 0.3440,
0.2842

215.8887, 0.3214,
0.3164

 1.7165, 0.3537,
0.2707

262.0342, 0.3208,

 0.4343, 0.3872,

0.3172

0.2198

314.3270, 0.3204,
0.3179

0.0000, 0.0000,
0.0000

46.5840, 0.3270,
0.3083

46.5840, 0.3270,
0.3083

38.9120, 0.3385,
0.2943

55.4937, 0.3174,
0.3218

32.4162, 0.3522,
0.2801

65.6867, 0.3094,
0.3345

27.0392, 0.3682,
0.2665

77.2140, 0.3028,
0.3463

22.7161, 0.3866,
0.2542

90.1192, 0.2973,
0.3573

19.3754, 0.4071,
0.2444

90.6685, 0.2921,
0.3469

■ 16.9365, 0.4292,
0.2383

■ 91.2479, 0.2871,
0.3366

■ 15.3059, 0.4519,
0.2370

■ 91.7154, 0.2832,
0.3289

■ 14.3686, 0.4742,
0.2411

■ 14.0792, 0.4839,
0.2439

Harmonies

Analogous

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



46.5840, 0.3056, 0.2971



46.5840, 0.3270, 0.3083



46.5840, 0.3450, 0.3247

Triad

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



46.5840, 0.3270, 0.3083



46.5840, 0.3385, 0.3659



46.5840, 0.2731, 0.3132

Complementary

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



46.5840, 0.3270, 0.3083



56.1659, 0.3005, 0.3507

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.



46.5840, 0.2813, 0.3322



46.5840, 0.3270, 0.3083



46.5840, 0.3187, 0.3636

Square

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



46.5840, 0.3270, 0.3083



46.5840, 0.3516, 0.3578



46.5840, 0.2978, 0.3511



46.5840, 0.2750, 0.2993

Rectangle

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



46.5840, 0.3270, 0.3083



46.5840, 0.3523, 0.3367



46.5840, 0.2978, 0.3511



46.5840, 0.2747, 0.3192

Sweetspot

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



46.5861, 0.3270, 0.3083



91.7546, 0.3169, 0.3225



44.9815, 0.3000, 0.2890



19.4006, 0.3175, 0.3215



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.



46.5861, 0.3270, 0.3083



71.5118, 0.3310, 0.3032



45.9271, 0.3409, 0.3278



11.3117, 0.3208, 0.3167



8.7867, 0.4809, 0.2423



0.4686, 0.4413, 0.2205

Inverse Universe

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



46.5861, 0.3270, 0.3083



71.5118, 0.3310, 0.3032



56.8911, 0.2900, 0.3303



11.3117, 0.3208, 0.3167



8.7867, 0.4809, 0.2423



0.4686, 0.4413, 0.2205

Previews

White Background



This preview shows how the Yxy color 46.5840, 0.3270, 0.3083 looks on a white background.

Color Contrast Check

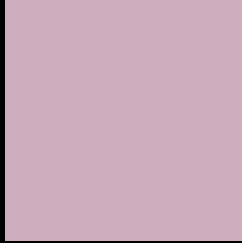
Large Text (above 18pt) WCAG AA × Fail

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 46.5840, 0.3270, 0.3083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

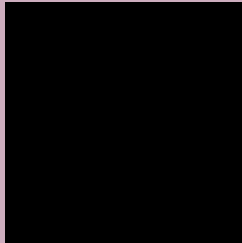
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.5840, 0.3270, 0.3083

Background



This preview shows how black text looks on a background with the Yxy color 46.5840, 0.3270, 0.3083.



This preview shows how white text looks on a background with the Yxy color 46.5840, 0.3270, 0.3083.

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

46.5840, 0.3270, 0.3083

Protanopia

46.8116, 0.3018, 0.3110

Deuteranopia

46.4606, 0.3196, 0.3128



Tritanopia

46.8391, 0.3295, 0.3131

Trichromacy



Original Color

46.5840, 0.3270, 0.3083

Protanomaly

46.6382, 0.3110, 0.3101

Deuteranomaly

46.4762, 0.3223, 0.3117

Tritanomaly

46.8821, 0.3286, 0.3119

Monochromacy



Original Color

46.5840, 0.3270, 0.3083

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.8421, 0.3173, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.5840, 0.3270, 0.3083 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, 173, 190)` looks like.

```
.text, #text, p{  
    color:rgb(205, 173, 190)  
}
```

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, 173, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 173, 190) }
```

Border

The CSS property to change the border of an element to Yxy 46.5840, 0.3270, 0.3083 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, 173, 190) }
```

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

```
.border{ border-color:rgb(205, 173, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 173, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 173, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 173, 190);  
box-shadow:4px 4px 4px 4px rgb(205, 173,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 46.5840, 0.3270, 0.3083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 173, 190) }
```

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

```
.background{ background-color: rgb(205,  
173, 190) }
```

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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