

Converting Colors

$Yxy(41.8056, 0.2844, 0.2812)$

Have a look what the booklet for
Yxy(41.8056, 0.2844, 0.2812)
contains.

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Color

Yxy(41.9124, 0.2843, 0.2809)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | ABAACF |
| RGB | 171, 170, 207 |
| RGB Percent | 67%, 67%, 81% |
| CMY | 0.3297, 0.3332, 0.1883 |
| CMYK | 0.17, 0.18, 0.00, 0.19 |
| HSL | 241°, 28%, 74% |
| HSV | 241°, 18%, 81% |
| XYZ | 42.4197, 41.9124, 64.8754 |
| YIQ | 174.5170, -11.2810, 11.7190 |

Conversions

Conversions Part 2

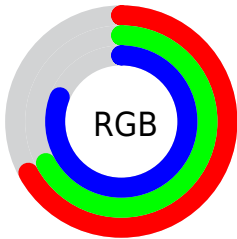
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 171, 170, 207 |
| Decimal | 11250383 |
| CIE Lab | 70.81, 7.92, -18.62 |
| CIE LCh | 71, 20.235, 293.039 |
| Yxy | 41.9124, 0.2843, 0.2809 |
| Android (android.graphics.Color) | 4289440463 (0xFFABAACF) |
| YUV | 174.5170, 16.0141, -3.0844 |
| Hunter-Lab | 64.7398, 3.6646, -14.0964 |

Details

The Yxy color **41.9124, 0.2843, 0.2809** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **60.6541, 0.3386, 0.3732**, and the grayscale version is **42.5239, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4013, 0.2953, 0.2982**, and **19.1083, 0.2752, 0.2669** is the 20% darker color. If you saturate the color by 10%, you get **32.6581, 0.2656, 0.2494**, and if you desaturate by 10%, it is **52.7382, 0.3010, 0.3092**.

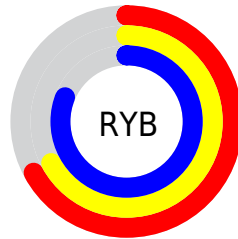
Distribution



Red (67%)

Green (67%)

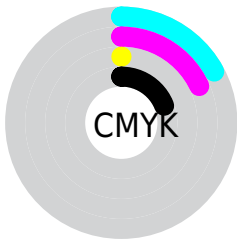
Blue (81%)



Red (67%)

Yellow (67%)

Blue (81%)

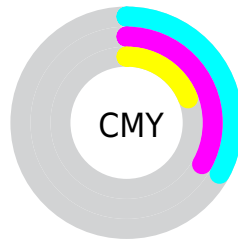


Cyan (17%)

Magenta (18%)

Yellow (0%)

Black (19%)



Cyan (33%)

Magenta (33%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.9124, 0.2843, 0.2809 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 41.9124, 0.2843, 0.2809 by changing the saturation by 10% instead.

■ 41.9124, 0.2843,
0.2809

■ 41.9124, 0.2843,
0.2809

354.1197, 0.2988,
0.3048

■ 29.0327, 0.2806,
0.2750

■ 78.0670, 0.2896,
0.2895

■ 19.1056, 0.2758,
0.2675

102.1108, 0.2916,
0.2928

■ 11.7466, 0.2694,
0.2577

130.6446, 0.2933,
0.2955

■ 6.5714, 0.2604,
0.2441

164.0530, 0.2947,
0.2979

■ 3.1955, 0.2469,
0.2244

202.7203, 0.2959,
0.3000

■ 1.2346, 0.2245,
0.1936

247.0309, 0.2970,

■ 0.0897, 0.1517,

0.3018

0.0489

297.3692, 0.2980,
0.3033

0.0000, 0.0000,
0.0000

41.9124, 0.2843,
0.2809

41.9124, 0.2843,
0.2809

32.6581, 0.2656,
0.2494

52.7382, 0.3010,
0.3092

24.8974, 0.2453,
0.2154

65.1982, 0.3157,
0.3341

18.5536, 0.2241,
0.1801

79.3581, 0.3284,
0.3557

13.5411, 0.2032,
0.1454

95.2785, 0.3393,
0.3744

9.7652, 0.1842,
0.1141

97.2843, 0.3412,
0.3761

■ 7.1186, 0.1685,
0.0886

■ 5.4757, 0.1575,
0.0711

■ 4.6615, 0.1515,
0.0618

■ 4.5372, 0.1507,
0.0604

Harmonies

Analogous

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



41.9124, 0.2647, 0.2840



41.9124, 0.2843, 0.2809



41.9124, 0.3123, 0.2894

Triad

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



41.9124, 0.2843, 0.2809



41.9124, 0.3711, 0.3547



41.9124, 0.2835, 0.3519

Complementary

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



41.9124, 0.2843, 0.2809



60.6541, 0.3386, 0.3732

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.



41.9124, 0.3110, 0.3736



41.9124, 0.2843, 0.2809



41.9124, 0.3622, 0.3737

Square

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



41.9124, 0.2843, 0.2809



41.9124, 0.3635, 0.3306



41.9124, 0.3399, 0.3813



41.9124, 0.2642, 0.3240

Rectangle

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



41.9124, 0.2843, 0.2809



41.9124, 0.3322, 0.3004



41.9124, 0.3399, 0.3813



41.9124, 0.2920, 0.3603

Sweetspot

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



41.9141, 0.2843, 0.2809



89.8505, 0.3053, 0.3165



57.3737, 0.2860, 0.3282



18.9381, 0.3042, 0.3146



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.



41.9141, 0.2843, 0.2809



61.8677, 0.2782, 0.2706



44.0976, 0.2994, 0.2830



11.4314, 0.2985, 0.3050



2.8651, 0.1509, 0.0605



0.1652, 0.1536, 0.0620

Inverse Universe

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



46.4821, 0.3155, 0.2861



70.3787, 0.3161, 0.2778



58.1990, 0.3242, 0.3752



12.0038, 0.3142, 0.3067



11.0436, 0.3271, 0.1576



0.6191, 0.3259, 0.1569

Previews

White Background



This preview shows how the Yxy color 41.9124, 0.2843, 0.2809 looks on a white background.

Color Contrast Check

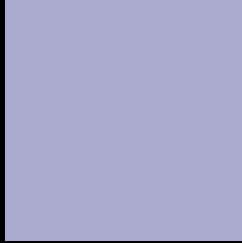
Large Text (above 18pt) WCAG AA × Fail

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 41.9124, 0.2843, 0.2809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

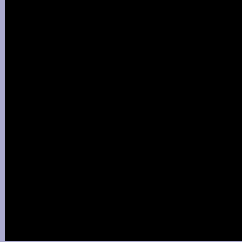
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.9124, 0.2843, 0.2809

Background



This preview shows how black text looks on a background with the Yxy color 41.9124, 0.2843, 0.2809.



This preview shows how white text looks on a background with the Yxy color 41.9124, 0.2843, 0.2809.

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

41.9124, 0.2843, 0.2809

Protanopia

42.0584, 0.2790, 0.2817

Deuteranopia

41.7652, 0.2859, 0.2798



Tritanopia

41.6905, 0.2963, 0.3100

Trichromacy



Original Color

41.9124, 0.2843, 0.2809

Protanomaly

41.8954, 0.2805, 0.2805

Deuteranomaly

41.6516, 0.2851, 0.2796

Tritanomaly

41.7249, 0.2917, 0.2995

Monochromacy



Original Color

41.9124, 0.2843, 0.2809

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.4737, 0.3022, 0.3103

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9124, 0.2843, 0.2809 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(171, 170, 207)` looks like.

```
.text, #text, p{  
    color:rgb(171, 170, 207)  
}
```

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(171, 170, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 170, 207) }
```

Border

The CSS property to change the border of an element to Yxy 41.9124, 0.2843, 0.2809 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(171, 170, 207) }
```

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

```
.border{ border-color:rgb(171, 170, 207) }
```

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

Here you see how a box with a 4 pixel rgb(171, 170, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 170, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 170, 207);  
box-shadow:4px 4px 4px 4px rgb(171, 170,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9124, 0.2843, 0.2809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 170, 207) }
```

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

```
.background{ background-color: rgb(171,  
170, 207) }
```

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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