

Converting Colors

$Y_{xy}(40.9538, 0.2853, 0.2870)$

Have a look what the booklet for
Yxy(40.9538, 0.2853, 0.2870)
contains.

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Color

Yxy(40.8085, 0.2854, 0.2864)

Conversions

Conversions Part 1

Format	Color
Hex	A7A9C9
RGB	167, 169, 201
RGB Percent	65%, 66%, 79%
CMY	0.3452, 0.3372, 0.2116
CMYK	0.17, 0.16, 0.00, 0.21
HSL	236°, 24%, 72%
HSV	236°, 17%, 79%
XYZ	40.6660, 40.8085, 61.0133
YIQ	172.0500, -11.4640, 9.5280

Conversions

Conversions Part 2

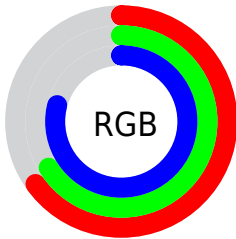
Format	Color
RYB	167, 169, 201
Decimal	10987977
CIELab	70.04, 5.89, -16.54
CIELCh	70, 17.558, 289.614
Yxy	40.8085, 0.2854, 0.2864
Android (android.graphics.Color)	4289178057 (0xFFA7A9C9)
YUV	172.0500, 14.2723, -4.4289
Hunter-Lab	63.8815, 1.8377, -11.9108

Details

The Yxy color $40.8085, 0.2854, 0.2864$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $56.0601, 0.3383, 0.3683$, and the grayscale version is $41.2121, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.0609, 0.2920, 0.2968$, and $18.4740, 0.2776, 0.2743$ is the 20% darker color. If you saturate the color by 10%, you get $32.2555, 0.2668, 0.2571$, and if you desaturate by 10%, it is $50.7221, 0.3022, 0.3126$.

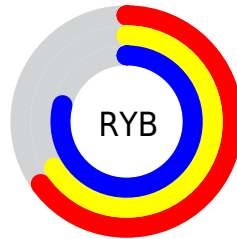
Distribution



Red (65%)

Green (66%)

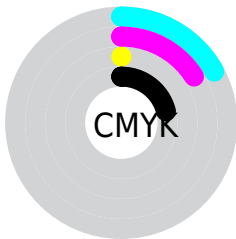
Blue (79%)



Red (65%)

Yellow (66%)

Blue (79%)

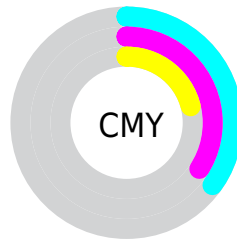


Cyan (17%)

Magenta (16%)

Yellow (0%)

Black (21%)



Cyan (35%)

Magenta (34%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.8085, 0.2854, 0.2864 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 40.8085, 0.2854, 0.2864 by changing the saturation by 10% instead.

■ 40.8085, 0.2854,
0.2864

■ 40.8085, 0.2854,
0.2864

■ 349.5196, 0.2994,
0.3077

■ 28.1695, 0.2818,
0.2811

■ 76.3931, 0.2905,
0.2942

■ 18.4535, 0.2772,
0.2743

■ 100.1075, 0.2925,
0.2971

■ 11.2760, 0.2710,
0.2652

■ 128.2824, 0.2941,
0.2995

■ 6.2528, 0.2621,
0.2526

■ 161.3024, 0.2954,
0.3016

■ 2.9994, 0.2487,
0.2340

■ 199.5516, 0.2966,
0.3035

■ 1.1314, 0.2263,
0.2042

■ 243.4147, 0.2977,

■ 0.0046, 0.1116,

0.3051

0.0035

293.2759, 0.2986,
0.3065

0.0000, 0.0000,
0.0000

40.8085, 0.2854,
0.2864

40.8085, 0.2854,
0.2864

32.2555, 0.2668,
0.2571

50.7221, 0.3022,
0.3126

24.9991, 0.2468,
0.2251

62.0468, 0.3171,
0.3357

18.9773, 0.2259,
0.1914

74.8366, 0.3301,
0.3558

14.1214, 0.2053,
0.1577

89.1413, 0.3415,
0.3731

10.3557, 0.1864,
0.1261

96.9987, 0.3448,
0.3820

■ 7.5959, 0.1705,
0.0990

■ 5.7449, 0.1590,
0.0785

■ 4.6837, 0.1523,
0.0658

■ 4.4815, 0.1509,
0.0634

Harmonies

Analogous

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



40.8085, 0.2692, 0.2906



40.8085, 0.2854, 0.2864



40.8085, 0.3094, 0.2927

Triad

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



40.8085, 0.2854, 0.2864



40.8085, 0.3638, 0.3496



40.8085, 0.2896, 0.3516

Complementary

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



40.8085, 0.2854, 0.2864



56.0601, 0.3383, 0.3683

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.



40.8085, 0.3143, 0.3692



40.8085, 0.2854, 0.2864



40.8085, 0.3577, 0.3668

Square

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



40.8085, 0.2854, 0.2864



40.8085, 0.3555, 0.3281



40.8085, 0.3393, 0.3746



40.8085, 0.2715, 0.3276

Rectangle

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



40.8085, 0.2854, 0.2864



40.8085, 0.3269, 0.3019



40.8085, 0.3393, 0.3746



40.8085, 0.2974, 0.3585

Sweetspot

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



40.8102, 0.2854, 0.2864



90.2491, 0.3051, 0.3172



54.1154, 0.2889, 0.3318



19.0345, 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.



40.8102, 0.2854, 0.2864



64.7037, 0.2794, 0.2769



41.7599, 0.2978, 0.2853



10.3873, 0.2983, 0.3066



2.8629, 0.1512, 0.0643



0.1718, 0.1553, 0.0792

Inverse Universe

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



42.9157, 0.3429, 0.3265



68.9528, 0.3503, 0.3260



55.0528, 0.3259, 0.3723



10.6470, 0.3280, 0.3277



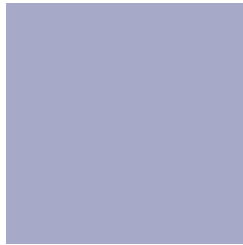
7.8290, 0.6328, 0.3260



0.3744, 0.6083, 0.3124

Previews

White Background



This preview shows how the Yxy color 40.8085, 0.2854, 0.2864 looks on a white background.

Color Contrast Check

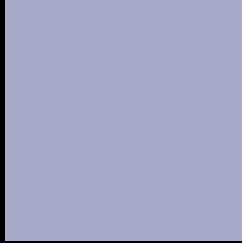
Large Text (above 18pt) WCAG AA × Fail

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 40.8085, 0.2854, 0.2864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

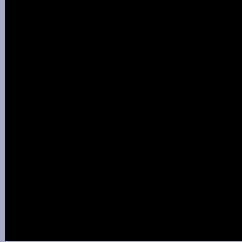
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.8085, 0.2854, 0.2864

Background



This preview shows how black text looks on a background with the Yxy color 40.8085, 0.2854, 0.2864.



This preview shows how white text looks on a background with the Yxy color 40.8085, 0.2854, 0.2864.

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

40.8085, 0.2854, 0.2864

Protanopia

40.9658, 0.2839, 0.2876

Deuteranopia

40.7387, 0.2903, 0.2844



Tritanopia

40.9003, 0.2953, 0.3111

Trichromacy



Original Color

40.8085, 0.2854, 0.2864

Protanomaly

41.0735, 0.2847, 0.2877

Deuteranomaly

40.8802, 0.2887, 0.2855

Tritanomaly

40.8867, 0.2915, 0.3018

Monochromacy



Original Color

40.8085, 0.2854, 0.2864

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.0908, 0.3020, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.8085, 0.2854, 0.2864 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(167, 169, 201)` looks like.

```
.text, #text, p{  
    color:rgb(167, 169, 201)  
}
```

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(167, 169, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 169, 201) }
```

Border

The CSS property to change the border of an element to Yxy 40.8085, 0.2854, 0.2864 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(167, 169, 201) }
```

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

```
.border{ border-color:rgb(167, 169, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 169, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 169, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 169, 201);  
box-shadow:4px 4px 4px 4px rgb(167, 169,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 40.8085, 0.2854, 0.2864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 169, 201) }
```

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

```
.background{ background-color: rgb(167,  
169, 201) }
```

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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