

Converting Colors

$Y_{xy}(41.2530, 0.3085, 0.2960)$

Have a look what the booklet for
Yxy(41.2530, 0.3085, 0.2960)
contains.

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Color

Yxy(41.3483, 0.3088, 0.2966)

Conversions

Conversions Part 1

Format	Color
Hex	B9A6BF
RGB	185, 166, 191
RGB Percent	73%, 65%, 75%
CMY	0.2745, 0.3490, 0.2509
CMYK	0.03, 0.13, 0.00, 0.25
HSL	286°, 16%, 70%
HSV	286°, 13%, 75%
XYZ	43.0491, 41.3483, 55.0102
YIQ	174.5310, 3.2990, 11.8030

Conversions

Conversions Part 2

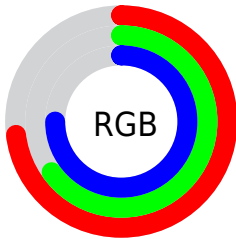
Format	Color
RYB	185, 166, 191
Decimal	12166847
CIELab	70.42, 11.49, -10.29
CIELCh	70, 15.423, 318.138
Yxy	41.3483, 0.3088, 0.2966
Android (android.graphics.Color)	4290356927 (0xFFB9A6BF)
YUV	174.5310, 8.1192, 9.1813
Hunter-Lab	64.3026, 6.9718, -5.7101

Details

The Yxy color **41.3483, 0.3088, 0.2966** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.7937, 0.3160, 0.3626**, and the grayscale version is **42.5723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.1291, 0.3098, 0.3027**, and **18.7751, 0.3072, 0.2866** is the 20% darker color. If you saturate the color by 10%, you get **34.3514, 0.3051, 0.2705**, and if you desaturate by 10%, it is **49.3986, 0.3119, 0.3216**.

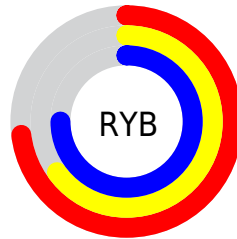
Distribution



Red (73%)

Green (65%)

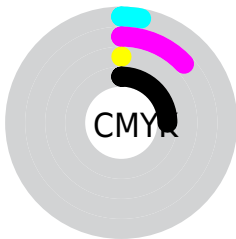
Blue (75%)



Red (73%)

Yellow (65%)

Blue (75%)

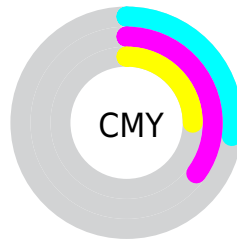


Cyan (3%)

Magenta (13%)

Yellow (0%)

Black (25%)



Cyan (27%)


Magenta (35%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3483, 0.3088, 0.2966 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 41.3483, 0.3088, 0.2966 by changing the saturation by 10% instead.


 41.3483, 0.3088,
0.2966


 41.3483, 0.3088,
0.2966


351.7742, 0.3109,
0.3128

 28.5913, 0.3082,
0.2926


 77.2123, 0.3096,
0.3025

 18.7719, 0.3074,
0.2874


 101.0882, 0.3099,
0.3047

 11.5056, 0.3063,
0.2806


129.4392, 0.3102,
0.3065

 6.4080, 0.3046,
0.2711

162.6496, 0.3104,
0.3081

 3.0947, 0.3019,
0.2570

201.1040, 0.3105,
0.3095

 1.1814, 0.2967,
0.2340

245.1866, 0.3107,

 0.0464, 0.2844,

0.3107

0.0407

295.2819, 0.3108,
0.3118

0.0000, 0.0000,
0.0000

41.3483, 0.3088,
0.2966

41.3483, 0.3088,
0.2966

34.3514, 0.3051,
0.2705

49.3986, 0.3119,
0.3216

28.3572, 0.3008,
0.2439

58.5396, 0.3144,
0.3450

23.3185, 0.2958,
0.2177

68.8135, 0.3164,
0.3667

19.1824, 0.2902,
0.1927

80.2583, 0.3180,
0.3866

15.8905, 0.2841,
0.1701

88.6866, 0.3198,
0.3986

■ 13.3779, 0.2778,
0.1511

■ 89.3617, 0.3227,
0.3979

■ 11.5696, 0.2713,
0.1362

■ 90.0563, 0.3257,
0.3973

■ 10.3757, 0.2649,
0.1260

■ 90.7704, 0.3287,
0.3967

■ 9.7906, 0.2606,
0.1209

■ 91.5043, 0.3317,
0.3960

Harmonies

Analogous

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



41.3483, 0.2879, 0.2915



41.3483, 0.3088, 0.2966



41.3483, 0.3314, 0.3095

Triad

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



41.3483, 0.3088, 0.2966



41.3483, 0.3526, 0.3616



41.3483, 0.2772, 0.3289

Complementary

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



41.3483, 0.3088, 0.2966



48.7937, 0.3160, 0.3626

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.



41.3483, 0.2935, 0.3496



41.3483, 0.3088, 0.2966



41.3483, 0.3371, 0.3687

Square

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



41.3483, 0.3088, 0.2966



41.3483, 0.3572, 0.3463



41.3483, 0.3154, 0.3645



41.3483, 0.2702, 0.3092

Rectangle

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



41.3483, 0.3088, 0.2966



41.3483, 0.3443, 0.3211



41.3483, 0.3154, 0.3645



41.3483, 0.2817, 0.3361

Sweetspot

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



41.3501, 0.3088, 0.2966



86.9772, 0.3116, 0.3192



41.4719, 0.2923, 0.3036



18.8464, 0.3114, 0.3173



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.3501, 0.3088, 0.2966



69.8874, 0.3077, 0.2885



41.8443, 0.3196, 0.3049



9.5776, 0.3100, 0.3061



6.4718, 0.2614, 0.1214



0.2819, 0.2764, 0.1296

Inverse Universe

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



41.3307, 0.3309, 0.3212



69.8642, 0.3360, 0.3192



48.3637, 0.3065, 0.3544



9.5730, 0.3252, 0.3235



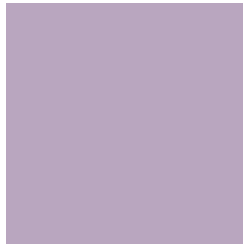
7.4192, 0.5932, 0.3042



0.3013, 0.5239, 0.2659

Previews

White Background



This preview shows how the Yxy color 41.3483, 0.3088, 0.2966 looks on a white background.

Color Contrast Check

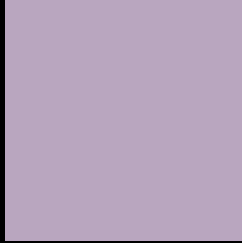
Large Text (above 18pt) WCAG AA × Fail

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 41.3483, 0.3088, 0.2966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

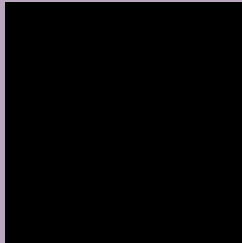
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.3483, 0.3088, 0.2966

Background



This preview shows how black text looks on a background with the Yxy color 41.3483, 0.3088, 0.2966.



This preview shows how white text looks on a background with the Yxy color 41.3483, 0.3088, 0.2966.

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

41.3483, 0.3088, 0.2966

Protanopia

41.4559, 0.2925, 0.2982

Deuteranopia

41.4702, 0.3043, 0.2988



Tritanopia

41.4087, 0.3153, 0.3119

Trichromacy



Original Color

41.3483, 0.3088, 0.2966

Protanomaly

41.3401, 0.2983, 0.2972

Deuteranomaly

41.3441, 0.3061, 0.2977

Tritanomaly

41.3306, 0.3129, 0.3054

Monochromacy



Original Color

41.3483, 0.3088, 0.2966

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.4249, 0.3115, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3483, 0.3088, 0.2966 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(185, 166, 191)` looks like.

```
.text, #text, p{  
    color:rgb(185, 166, 191)  
}
```

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(185, 166, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 166, 191) }
```

Border

The CSS property to change the border of an element to Yxy 41.3483, 0.3088, 0.2966 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(185, 166, 191) }
```

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

```
.border{ border-color:rgb(185, 166, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 166, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 166, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 166, 191);  
box-shadow:4px 4px 4px 4px rgb(185, 166,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3483, 0.3088, 0.2966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 166, 191) }
```

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

```
.background{ background-color: rgb(185,  
166, 191) }
```

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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