

Converting Colors

$Y_{xy}(41.8245, 0.3123, 0.2968)$

Have a look what the booklet for
Yxy(41.8245, 0.3123, 0.2968)
contains.

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Color

Yxy(41.8528, 0.3124, 0.2970)

Conversions

Conversions Part 1

Format	Color
Hex	BDA6BF
RGB	189, 166, 191
RGB Percent	74%, 65%, 75%
CMY	0.2589, 0.3490, 0.2510
CMYK	0.01, 0.13, 0.00, 0.25
HSL	295°, 16%, 70%
HSV	295°, 13%, 75%
XYZ	44.0229, 41.8528, 55.0428
YIQ	175.7270, 5.6830, 12.6510

Conversions

Conversions Part 2

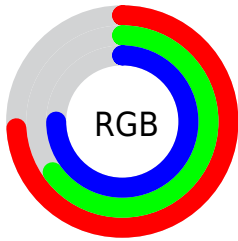
Format	Color
R_{YB}	189, 166, 191
Decimal	12428991
CIE _{Lab}	70.77, 12.85, -9.72
CIE _{LCh}	71, 16.113, 322.898
Yxy	41.8528, 0.3124, 0.2970
Android (android.graphics.Color)	4290619071 (0xFFBDA6BF)
YUV	175.7270, 7.5296, 11.6404
Hunter-Lab	64.6937, 8.2520, -5.1595

Details

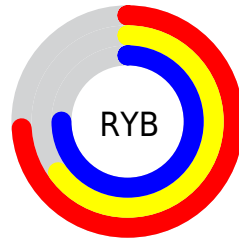
The Yxy color **41.8528, 0.3124, 0.2970** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.3379, 0.3128, 0.3628**, and the grayscale version is **43.2244, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.8408, 0.3125, 0.3030**, and **19.1038, 0.3122, 0.2873** is the 20% darker color. If you saturate the color by 10%, you get **35.2233, 0.3119, 0.2718**, and if you desaturate by 10%, it is **49.5192, 0.3127, 0.3216**.

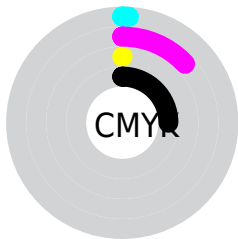
Distribution



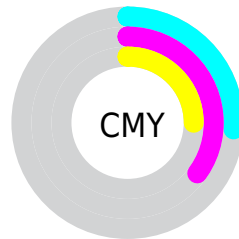
- Red (74%)
- Green (65%)
- Blue (75%)



- Red (74%)
- Yellow (65%)
- Blue (75%)



- Cyan (1%)
- Magenta (13%)
- Yellow (0%)
- Black (25%)





- Cyan (26%)
- Magenta (35%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.8528, 0.3124, 0.2970 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 41.8528, 0.3124, 0.2970 by changing the saturation by 10% instead.


 41.8528, 0.3124,
0.2970


 41.8528, 0.3124,
0.2970


353.8724, 0.3127,
0.3129

 28.9860, 0.3123,
0.2931


 77.9768, 0.3126,
0.3028

 19.0703, 0.3121,
0.2880

 102.0028, 0.3126,
0.3049

 11.7211, 0.3118,
0.2813


130.5174, 0.3126,
0.3068

 6.5540, 0.3112,
0.2720

163.9049, 0.3127,
0.3083

 3.1848, 0.3102,
0.2583

202.5498, 0.3127,
0.3097

 1.2290, 0.3080,
0.2360

246.8364, 0.3127,

 0.0852, 0.3152,

0.3109

0.0680

297.1491, 0.3127,
0.3120

■ 0.0000, 0.0000,
0.0000

■ 41.8528, 0.3124,
0.2970

■ 41.8528, 0.3124,
0.2970

■ 35.2233, 0.3119,
0.2718

■ 49.5192, 0.3127,
0.3216

■ 29.5799, 0.3112,
0.2466

■ 58.2595, 0.3128,
0.3451

■ 24.8759, 0.3103,
0.2224

■ 68.1157, 0.3127,
0.3672

■ 21.0583, 0.3091,
0.2001

■ 79.1257, 0.3126,
0.3876

■ 18.0693, 0.3076,
0.1807

■ 87.1042, 0.3128,
0.4001

■ 15.8437, 0.3060,
0.1650

■ 87.3117, 0.3137,
0.3999

■ 14.3071, 0.3041,
0.1535

■ 87.5213, 0.3147,
0.3997

■ 13.3697, 0.3022,
0.1463

■ 87.7330, 0.3156,
0.3995

■ 12.9525, 0.3008,
0.1431

■ 87.9468, 0.3166,
0.3993

Harmonies

Analogous

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



41.8528, 0.2900, 0.2903



41.8528, 0.3124, 0.2970



41.8528, 0.3357, 0.3115

Triad

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



41.8528, 0.3124, 0.2970



41.8528, 0.3523, 0.3648



41.8528, 0.2739, 0.3254

Complementary

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



41.8528, 0.3124, 0.2970



48.3379, 0.3128, 0.3628

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.



41.8528, 0.2895, 0.3473



41.8528, 0.3124, 0.2970



41.8528, 0.3347, 0.3705

Square

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



41.8528, 0.3124, 0.2970



41.8528, 0.3592, 0.3499



41.8528, 0.3117, 0.3642



41.8528, 0.2684, 0.3056

Rectangle

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



41.8528, 0.3124, 0.2970



41.8528, 0.3483, 0.3239



41.8528, 0.3117, 0.3642



41.8528, 0.2781, 0.3328

Sweetspot

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



41.8546, 0.3124, 0.2970



87.2634, 0.3126, 0.3192



39.9087, 0.2922, 0.2979



18.9209, 0.3126, 0.3174



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.



41.8546, 0.3124, 0.2970



71.0030, 0.3123, 0.2890



41.6706, 0.3232, 0.3102



9.6563, 0.3125, 0.3063



8.5295, 0.3011, 0.1432



0.3458, 0.3061, 0.1460

Inverse Universe

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



41.1792, 0.3345, 0.3264



69.5401, 0.3407, 0.3258



48.5172, 0.3034, 0.3486



9.5485, 0.3276, 0.3272



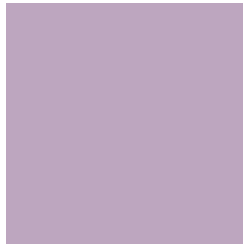
7.3075, 0.6298, 0.3243



0.2905, 0.5940, 0.3046

Previews

White Background



This preview shows how the Yxy color 41.8528, 0.3124, 0.2970 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 41.8528, 0.3124, 0.2970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

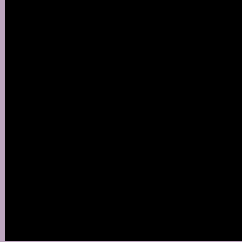
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.8528, 0.3124, 0.2970

Background



This preview shows how black text looks on a background with the Yxy color 41.8528, 0.3124, 0.2970.



This preview shows how white text looks on a background with the Yxy color 41.8528, 0.3124, 0.2970.

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

41.8528, 0.3124, 0.2970

Protanopia

41.9912, 0.2926, 0.2984

Deuteranopia

42.0826, 0.3061, 0.3003



Tritanopia

41.9063, 0.3190, 0.3121

Trichromacy



Original Color

41.8528, 0.3124, 0.2970

Protanomaly

41.9916, 0.2993, 0.2975

Deuteranomaly

42.0811, 0.3087, 0.2993

Tritanomaly

41.8316, 0.3165, 0.3057

Monochromacy



Original Color

41.8528, 0.3124, 0.2970

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.6650, 0.3133, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8528, 0.3124, 0.2970 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(189, 166, 191)` looks like.

```
.text, #text, p{  
    color:rgb(189, 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(189, 166, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 166, 191) }
```

Border

The CSS property to change the border of an element to Yxy 41.8528, 0.3124, 0.2970 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(189, 166, 191) }
```

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

```
.border{ border-color:rgb(189, 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(189, 166, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 166, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 166, 191);  
box-shadow:4px 4px 4px 4px rgb(189, 166,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8528, 0.3124, 0.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 166, 191) }
```

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

```
.background{ background-color: rgb(189,  
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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