

Converting Colors

$Yxy(42.6415, 0.3141, 0.2984)$

Have a look what the booklet for
Yxy(42.6415, 0.3141, 0.2984)
contains.

Yxy(42.4754, 0.3141, 0.2985)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(42.4754, 0.3141, 0.2985)

Conversions

Conversions Part 1

Format	Color
Hex	BFA7BF
RGB	191, 167, 191
RGB Percent	75%, 65%, 75%
CMY	0.2512, 0.3450, 0.2510
CMYK	0.00, 0.13, 0.00, 0.25
HSL	300°, 16%, 70%
HSV	300°, 13%, 75%
XYZ	44.6952, 42.4754, 55.1255
YIQ	176.9120, 6.6000, 12.5520

Conversions

Conversions Part 2

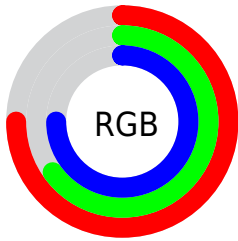
Format	Color
RYB	191, 167, 191
Decimal	12560319
CIELab	71.20, 12.96, -9.06
CIELCh	71, 15.818, 325.049
Yxy	42.4754, 0.3141, 0.2985
Android (android.graphics.Color)	4290750399 (0xFFBFA7BF)
YUV	176.9120, 6.9454, 12.3552
Hunter-Lab	65.1732, 8.3608, -4.5282

Details

The Yxy color $42.4754, 0.3141, 0.2985$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $48.2718, 0.3112, 0.3615$, and the grayscale version is $43.8756, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.7321, 0.3139, 0.3041$, and $19.4148, 0.3133, 0.2892$ is the 20% darker color. If you saturate the color by 10%, you get $35.9817, 0.3152, 0.2737$, and if you desaturate by 10%, it is $50.0062, 0.3130, 0.3229$.

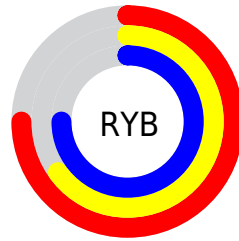
Distribution



Red (75%)

Green (65%)

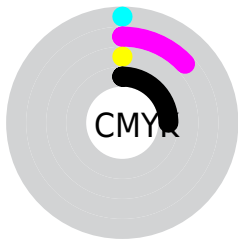
Blue (75%)



Red (75%)

Yellow (65%)

Blue (75%)

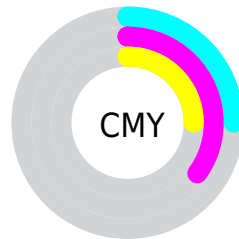


Cyan (0%)

Magenta (13%)

Yellow (0%)

Black (25%)



Cyan (25%)


Magenta (35%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.4754, 0.3141, 0.2985 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 42.4754, 0.3141, 0.2985 by changing the saturation by 10% instead.


 42.4754, 0.3141,
0.2985

 42.4754, 0.3141,
0.2985


356.4499, 0.3136,
0.3136

 29.4737, 0.3142,
0.2948

 78.9186, 0.3139,
0.3040

 19.4395, 0.3143,
0.2900


 103.1289, 0.3139,
0.3060

 11.9883, 0.3144,
0.2836


131.8443, 0.3138,
0.3078

 6.7357, 0.3144,
0.2748

165.4490, 0.3137,
0.3093

 3.2974, 0.3143,
0.2619

204.3276, 0.3137,
0.3106

 1.2889, 0.3136,
0.2409

248.8643, 0.3136,

 0.1326, 0.3271,

0.3117

0.0980

299.4436, 0.3136,
0.3127

0.0000, 0.0000,
0.0000

42.4754, 0.3141,
0.2985

42.4754, 0.3141,
0.2985

35.9817, 0.3152,
0.2737

50.0062, 0.3130,
0.3229

30.4746, 0.3163,
0.2492

58.6111, 0.3119,
0.3464

25.9073, 0.3174,
0.2259

68.3317, 0.3109,
0.3685

22.2274, 0.3183,
0.2048

79.2061, 0.3100,
0.3891

19.3772, 0.3191,
0.1867

86.3760, 0.3094,
0.4008

■ 17.2921, 0.3197,
0.1724

■ 86.3814, 0.3095,
0.4008

■ 15.8982, 0.3201,
0.1623

■ 86.3867, 0.3095,
0.4008

■ 15.1068, 0.3203,
0.1563

■ 86.3921, 0.3095,
0.4008

■ 14.7823, 0.3204,
0.1539

■ 86.3975, 0.3095,
0.4008

Harmonies

Analogous

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



42.4754, 0.2919, 0.2913



42.4754, 0.3141, 0.2985



42.4754, 0.3366, 0.3131

Triad

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



42.4754, 0.3141, 0.2985



42.4754, 0.3504, 0.3647



42.4754, 0.2740, 0.3240

Complementary

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



42.4754, 0.3141, 0.2985



48.2718, 0.3112, 0.3615

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.



42.4754, 0.2887, 0.3454



42.4754, 0.3141, 0.2985



42.4754, 0.3327, 0.3694

Square

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



42.4754, 0.3141, 0.2985



42.4754, 0.3580, 0.3507



42.4754, 0.3101, 0.3624



42.4754, 0.2694, 0.3050

Rectangle

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



42.4754, 0.3141, 0.2985



42.4754, 0.3485, 0.3254



42.4754, 0.3101, 0.3624



42.4754, 0.2779, 0.3312

Sweetspot

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



42.4772, 0.3141, 0.2985



87.4037, 0.3132, 0.3193



39.7744, 0.2931, 0.2970



18.9575, 0.3132, 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.



42.4772, 0.3141, 0.2985



72.7757, 0.3144, 0.2918



41.9941, 0.3241, 0.3130



9.6952, 0.3137, 0.3064



9.7166, 0.3204, 0.1539



0.3810, 0.3205, 0.1539

Inverse Universe

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



41.5159, 0.3351, 0.3290



70.7229, 0.3408, 0.3290



48.7139, 0.3027, 0.3455



9.5367, 0.3288, 0.3290



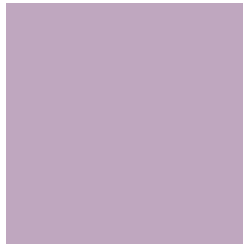
7.2800, 0.6398, 0.3298



0.2853, 0.6387, 0.3292

Previews

White Background



This preview shows how the Yxy color 42.4754, 0.3141, 0.2985 looks on a white background.

Color Contrast Check

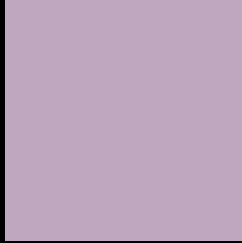
Large Text (above 18pt) WCAG AA × Fail

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 42.4754, 0.3141, 0.2985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

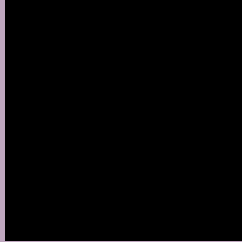
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.4754, 0.3141, 0.2985

Background



This preview shows how black text looks on a background with the Yxy color 42.4754, 0.3141, 0.2985.



This preview shows how white text looks on a background with the Yxy color 42.4754, 0.3141, 0.2985.

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

42.4754, 0.3141, 0.2985

Protanopia

42.4852, 0.2935, 0.2998

Deuteranopia

42.6575, 0.3086, 0.3031



Tritanopia

42.7005, 0.3208, 0.3122

Trichromacy



Original Color

42.4754, 0.3141, 0.2985

Protanomaly

42.4858, 0.3001, 0.2989

Deuteranomaly

42.6584, 0.3113, 0.3020

Tritanomaly

42.4552, 0.3183, 0.3071

Monochromacy



Original Color

42.4754, 0.3141, 0.2985

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.2096, 0.3133, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4754, 0.3141, 0.2985 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(191, 167, 191)` looks like.

```
.text, #text, p{  
    color:rgb(191, 167, 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(191, 167, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 167, 191) }
```

Border

The CSS property to change the border of an element to Yxy 42.4754, 0.3141, 0.2985 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(191, 167, 191) }
```

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

```
.border{ border-color:rgb(191, 167, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 167, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 167, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 167, 191);  
box-shadow:4px 4px 4px 4px rgb(191, 167,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4754, 0.3141, 0.2985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 167, 191) }
```

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

```
.background{ background-color: rgb(191,  
167, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor