

Converting Colors

$Yxy(41.7837, 0.3080, 0.2861)$

Have a look what the booklet for
Yxy(41.7837, 0.3080, 0.2861)
contains.

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Color

Yxy(41.7045, 0.3084, 0.2861)

Conversions

Conversions Part 1

Format	Color
Hex	BFA4C6
RGB	191, 164, 198
RGB Percent	75%, 64%, 78%
CMY	0.2510, 0.3569, 0.2235
CMYK	0.04, 0.17, 0.00, 0.22
HSL	288°, 23%, 71%
HSV	288°, 17%, 78%
XYZ	44.9551, 41.7045, 59.1093
YIQ	175.9490, 5.1780, 16.2980

Conversions

Conversions Part 2

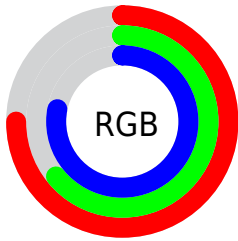
Format	Color
R _Y B	191, 164, 198
Decimal	12559558
CIE Lab	70.67, 16.00, -13.73
CIE LCh	71, 21.086, 319.380
Yxy	41.7045, 0.3084, 0.2861
Android (android.graphics.Color)	4290749638 (0xFFBFA4C6)
YUV	175.9490, 10.8711, 13.1997
Hunter-Lab	64.5790, 11.2452, -9.0629

Details

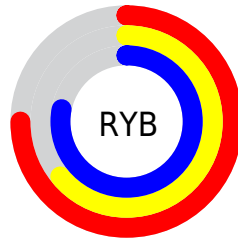
The Yxy color **41.7045, 0.3084, 0.2861** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.7298, 0.3161, 0.3742**, and the grayscale version is **43.3296, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.8395, 0.3095, 0.2935**, and **18.9203, 0.3065, 0.2743** is the 20% darker color. If you saturate the color by 10%, you get **34.6408, 0.3052, 0.2599**, and if you desaturate by 10%, it is **49.8898, 0.3111, 0.3115**.

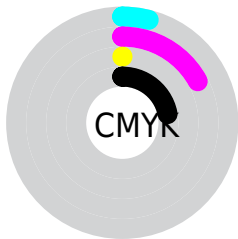
Distribution



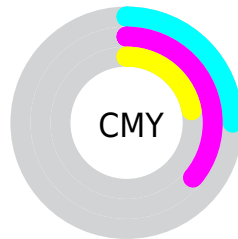
- Red (75%)
- Green (64%)
- Blue (78%)



- Red (75%)
- Yellow (64%)
- Blue (78%)



- Cyan (4%)
- Magenta (17%)
- Yellow (0%)
- Black (22%)





- Cyan (25%)
- Magenta (36%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.7045, 0.3084, 0.2861 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 41.7045, 0.3084, 0.2861 by changing the saturation by 10% instead.


 41.7045, 0.3084,
0.2861

 41.7045, 0.3084,
0.2861


353.2565, 0.3109,
0.3073

 28.8700, 0.3077,
0.2809


 77.7522, 0.3094,
0.2937

 18.9825, 0.3067,
0.2743


 101.7342, 0.3097,
0.2966

 11.6576, 0.3054,
0.2656


130.2007, 0.3100,
0.2991

 6.5110, 0.3033,
0.2536

163.5363, 0.3102,
0.3012

 3.1582, 0.2999,
0.2363

202.1253, 0.3104,
0.3030

 1.2149, 0.2934,
0.2088

246.3520, 0.3106,

 0.0738, 0.2923,

0.3046

0.0468

296.6010, 0.3107,
0.3060

0.0000, 0.0000,
0.0000

41.7045, 0.3084,
0.2861

41.7045, 0.3084,
0.2861

34.6408, 0.3052,
0.2599

49.8898, 0.3111,
0.3115

28.6424, 0.3013,
0.2336

59.2391, 0.3133,
0.3357

23.6560, 0.2970,
0.2082

69.7991, 0.3150,
0.3582

19.6216, 0.2921,
0.1847

81.6123, 0.3164,
0.3790

16.4728, 0.2869,
0.1641

89.5043, 0.3181,
0.3903

■ 14.1347, 0.2815,
0.1475

■ 90.1157, 0.3206,
0.3899

■ 12.5195, 0.2760,
0.1353

■ 90.7425, 0.3232,
0.3894

■ 11.5069, 0.2705,
0.1274

■ 91.3849, 0.3259,
0.3889

■ 11.2686, 0.2690,
0.1256

■ 92.0428, 0.3285,
0.3884

Harmonies

Analogous

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



41.7045, 0.2800, 0.2786



41.7045, 0.3084, 0.2861



41.7045, 0.3393, 0.3036

Triad

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



41.7045, 0.3084, 0.2861



41.7045, 0.3664, 0.3737



41.7045, 0.2640, 0.3273

Complementary

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



41.7045, 0.3084, 0.2861



51.7298, 0.3161, 0.3742

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.



41.7045, 0.2853, 0.3563



41.7045, 0.3084, 0.2861



41.7045, 0.3444, 0.3835

Square

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



41.7045, 0.3084, 0.2861



41.7045, 0.3737, 0.3528



41.7045, 0.3146, 0.3775



41.7045, 0.2553, 0.3006

Rectangle

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



41.7045, 0.3084, 0.2861



41.7045, 0.3569, 0.3191



41.7045, 0.3146, 0.3775



41.7045, 0.2698, 0.3371

Sweetspot

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



41.7063, 0.3084, 0.2861



91.6386, 0.3116, 0.3167



41.2362, 0.2854, 0.2932



19.3722, 0.3114, 0.3150



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.



41.7063, 0.3084, 0.2861



68.4315, 0.3071, 0.2753



42.2055, 0.3230, 0.2985



10.7021, 0.3105, 0.3060



7.3651, 0.2697, 0.1260



0.3774, 0.2810, 0.1322

Inverse Universe

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



41.4990, 0.3388, 0.3201



68.0210, 0.3466, 0.3178



51.3255, 0.3037, 0.3616



10.6721, 0.3258, 0.3243



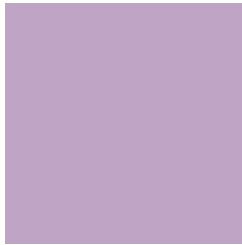
7.9209, 0.6039, 0.3100



0.3858, 0.5453, 0.2778

Previews

White Background



This preview shows how the Yxy color 41.7045, 0.3084, 0.2861 looks on a white background.

Color Contrast Check

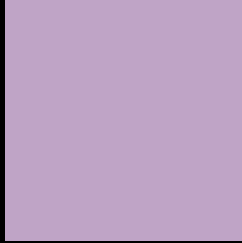
Large Text (above 18pt) WCAG AA × Fail

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 41.7045, 0.3084, 0.2861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

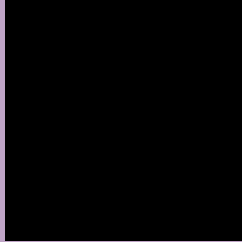
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.7045, 0.3084, 0.2861

Background



This preview shows how black text looks on a background with the Yxy color 41.7045, 0.3084, 0.2861.



This preview shows how white text looks on a background with the Yxy color 41.7045, 0.3084, 0.2861.

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

41.7045, 0.3084, 0.2861

Protanopia

42.0323, 0.2842, 0.2880

Deuteranopia

41.8721, 0.2978, 0.2925



Tritanopia

41.6241, 0.3209, 0.3121

Trichromacy



Original Color

41.7045, 0.3084, 0.2861

Protanomaly

41.8231, 0.2929, 0.2874

Deuteranomaly

41.7359, 0.3021, 0.2903

Tritanomaly

41.6791, 0.3158, 0.3020

Monochromacy



Original Color

41.7045, 0.3084, 0.2861

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.7895, 0.3108, 0.3132

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7045, 0.3084, 0.2861 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, 164, 198)` looks like.

```
.text, #text, p{  
    color:rgb(191, 164, 198)  
}
```

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, 164, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 164, 198) }
```

Border

The CSS property to change the border of an element to Yxy 41.7045, 0.3084, 0.2861 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, 164, 198) }
```

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

```
.border{ border-color:rgb(191, 164, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 164, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 164, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 164, 198);  
box-shadow:4px 4px 4px 4px rgb(191, 164,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7045, 0.3084, 0.2861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 164, 198) }
```

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

```
.background{ background-color: rgb(191,  
164, 198) }
```

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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