

Converting Colors

$Y_{xy}(41.3879, 0.3106, 0.2943)$

Have a look what the booklet for
Yxy(41.3879, 0.3106, 0.2943)
contains.

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Color

Yxy(41.4074, 0.3107, 0.2944)

Conversions

Conversions Part 1

Format	Color
Hex	BCA5C0
RGB	188, 165, 192
RGB Percent	74%, 65%, 75%
CMY	0.2629, 0.3529, 0.2472
CMYK	0.02, 0.14, 0.00, 0.25
HSL	291°, 18%, 70%
HSV	291°, 14%, 75%
XYZ	43.7000, 41.4074, 55.5427
YIQ	174.9550, 5.0410, 13.2730

Conversions

Conversions Part 2

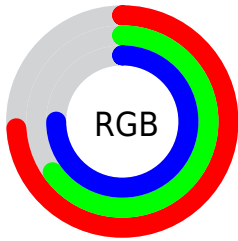
Format	Color
R_{YB}	188, 165, 192
Decimal	12363200
CIE _{Lab}	70.46, 13.23, -10.73
CIE _{LCh}	70, 17.040, 320.956
Yxy	41.4074, 0.3107, 0.2944
Android (android.graphics.Color)	4290553280 (0xFFBCA5C0)
YUV	174.9550, 8.4032, 11.4405
Hunter-Lab	64.3486, 8.6118, -6.1324

Details

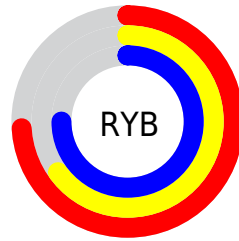
The Yxy color **41.4074, 0.3107, 0.2944** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.8432, 0.3142, 0.3654**, and the grayscale version is **42.7977, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.1968, 0.3112, 0.3009**, and **18.8252, 0.3098, 0.2837** is the 20% darker color. If you saturate the color by 10%, you get **34.6360, 0.3088, 0.2688**, and if you desaturate by 10%, it is **49.2290, 0.3122, 0.3193**.

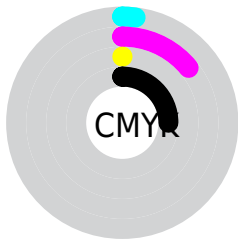
Distribution



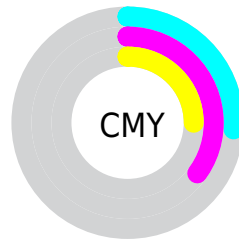
- Red (74%)
- Green (65%)
- Blue (75%)



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



- Cyan (2%)
- Magenta (14%)
- Yellow (0%)
- Black (25%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.4074, 0.3107, 0.2944 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 41.4074, 0.3107, 0.2944 by changing the saturation by 10% instead.

■ 41.4074, 0.3107,
0.2944

■ 41.4074, 0.3107,
0.2944

352.0205, 0.3119,
0.3116

■ 28.6376, 0.3103,
0.2901

■ 77.3020, 0.3112,
0.3006

■ 18.8068, 0.3098,
0.2847

■ 101.1955, 0.3114,
0.3030

■ 11.5308, 0.3091,
0.2774

129.5656, 0.3115,
0.3050

■ 6.4250, 0.3080,
0.2674

162.7969, 0.3116,
0.3067

■ 3.1052, 0.3060,
0.2526

201.2736, 0.3117,
0.3082

■ 1.1869, 0.3021,
0.2286

245.3802, 0.3118,

■ 0.0510, 0.3024,

0.3094

0.0415

295.5010, 0.3118,
0.3106

0.0000, 0.0000,
0.0000

41.4074, 0.3107,
0.2944

41.4074, 0.3107,
0.2944

34.6360, 0.3088,
0.2688

49.2290, 0.3122,
0.3193

28.8634, 0.3065,
0.2430

58.1389, 0.3134,
0.3429

24.0415, 0.3038,
0.2180

68.1796, 0.3142,
0.3650

20.1165, 0.3007,
0.1948

79.3899, 0.3148,
0.3854

17.0290, 0.2972,
0.1744

87.9141, 0.3157,
0.3982

■ 14.7123, 0.2935,
0.1576

■ 88.3165, 0.3175,
0.3979

■ 13.0897, 0.2897,
0.1451

■ 88.7263, 0.3193,
0.3975

■ 12.0683, 0.2858,
0.1370

■ 89.1435, 0.3211,
0.3971

■ 11.6374, 0.2835,
0.1335

■ 89.5683, 0.3229,
0.3967

Harmonies

Analogous

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



41.4074, 0.2872, 0.2879



41.4074, 0.3107, 0.2944



41.4074, 0.3356, 0.3092

Triad

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



41.4074, 0.3107, 0.2944



41.4074, 0.3556, 0.3661



41.4074, 0.2723, 0.3266

Complementary

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



41.4074, 0.3107, 0.2944



48.8432, 0.3142, 0.3654

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.



41.4074, 0.2895, 0.3498



41.4074, 0.3107, 0.2944



41.4074, 0.3375, 0.3730

Square

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



41.4074, 0.3107, 0.2944



41.4074, 0.3620, 0.3498



41.4074, 0.3132, 0.3673



41.4074, 0.2658, 0.3052

Rectangle

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



41.4074, 0.3107, 0.2944



41.4074, 0.3494, 0.3222



41.4074, 0.3132, 0.3673



41.4074, 0.2770, 0.3345

Sweetspot

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



41.4092, 0.3107, 0.2944



89.1918, 0.3122, 0.3192



40.2054, 0.2906, 0.2979



18.8890, 0.3121, 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.



41.4092, 0.3107, 0.2944



70.8827, 0.3101, 0.2862



41.5202, 0.3225, 0.3065



10.1692, 0.3114, 0.3061



7.8598, 0.2840, 0.1338



0.3607, 0.2927, 0.1386

Inverse Universe

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



40.9860, 0.3346, 0.3238



69.9749, 0.3407, 0.3226



48.7631, 0.3041, 0.3526



10.1018, 0.3266, 0.3256



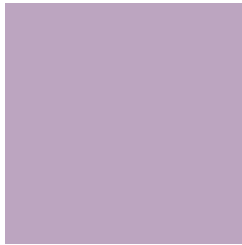
7.6062, 0.6177, 0.3177



0.3366, 0.5645, 0.2884

Previews

White Background



This preview shows how the Yxy color 41.4074, 0.3107, 0.2944 looks on a white background.

Color Contrast Check

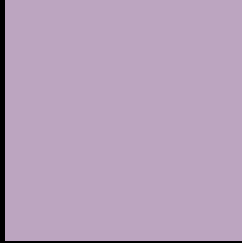
Large Text (above 18pt) WCAG AA × Fail

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 41.4074, 0.3107, 0.2944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

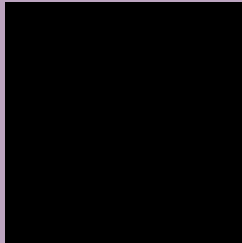
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.4074, 0.3107, 0.2944

Background



This preview shows how black text looks on a background with the Yxy color 41.4074, 0.3107, 0.2944.



This preview shows how white text looks on a background with the Yxy color 41.4074, 0.3107, 0.2944.

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

41.4074, 0.3107, 0.2944

Protanopia

41.4362, 0.2901, 0.2956

Deuteranopia

41.4702, 0.3043, 0.2988



Tritanopia

41.3718, 0.3190, 0.3120

Trichromacy



Original Color

41.4074, 0.3107, 0.2944

Protanomaly

41.4300, 0.2968, 0.2947

Deuteranomaly

41.4663, 0.3070, 0.2978

Tritanomaly

41.2979, 0.3166, 0.3056

Monochromacy



Original Color

41.4074, 0.3107, 0.2944

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.1653, 0.3124, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4074, 0.3107, 0.2944 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(188, 165, 192)` looks like.

```
.text, #text, p{  
    color:rgb(188, 165, 192)  
}
```

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(188, 165, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 165, 192) }
```

Border

The CSS property to change the border of an element to Yxy 41.4074, 0.3107, 0.2944 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(188, 165, 192) }
```

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

```
.border{ border-color:rgb(188, 165, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 165, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 165, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 165, 192);  
box-shadow:4px 4px 4px 4px rgb(188, 165,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4074, 0.3107, 0.2944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 165, 192) }
```

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

```
.background{ background-color: rgb(188,  
165, 192) }
```

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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