

Converting Colors

$Y_{xy}(41.8960, 0.2887, 0.2758)$

Have a look what the booklet for
Yxy(41.8960, 0.2887, 0.2758)
contains.

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Color

Yxy(41.7059, 0.2884, 0.2754)

Conversions

Conversions Part 1

Format	Color
Hex	B2A7D1
RGB	178, 167, 209
RGB Percent	70%, 65%, 82%
CMY	0.3022, 0.3450, 0.1805
CMYK	0.15, 0.20, 0.00, 0.18
HSL	256°, 31%, 74%
HSV	256°, 20%, 82%
XYZ	43.6746, 41.7059, 66.0571
YIQ	175.0770, -6.9260, 15.3940

Conversions

Conversions Part 2

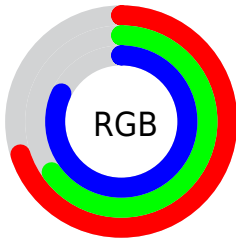
Format	Color
R _Y B	178, 167, 209
Decimal	11708369
CIE Lab	70.67, 12.27, -19.88
CIE LCh	71, 23.362, 301.671
Yxy	41.7059, 0.2884, 0.2754
Android (android.graphics.Color)	4289898449 (0xFFB2A7D1)
YUV	175.0770, 16.7240, 2.5635
Hunter-Lab	64.5801, 7.7018, -15.4399

Details

The Yxy color $41.7059, 0.2884, 0.2754$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $60.3983, 0.3340, 0.3801$, and the grayscale version is $42.8231, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.9550, 0.2999, 0.2955$, and $18.9545, 0.2816, 0.2613$ is the 20% darker color. If you saturate the color by 10%, you get $32.9313, 0.2737, 0.2449$, and if you desaturate by 10%, it is $51.9274, 0.3014, 0.3035$.

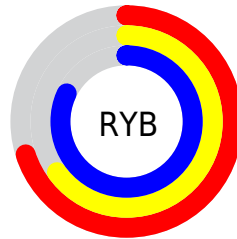
Distribution



Red (70%)

Green (65%)

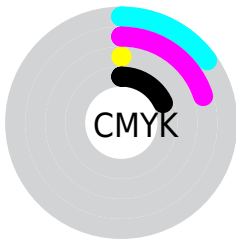
Blue (82%)



Red (70%)

Yellow (65%)

Blue (82%)

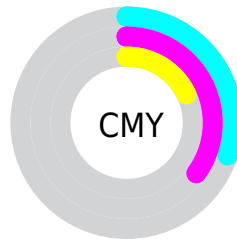


Cyan (15%)

Magenta (20%)

Yellow (0%)

Black (18%)



Cyan (30%)


Magenta (35%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7059, 0.2884, 0.2754 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 41.7059, 0.2884, 0.2754 by changing the saturation by 10% instead.


 41.7059, 0.2884,
0.2754

 41.7059, 0.2884,
0.2754


353.2623, 0.3009,
0.3018

 28.8711, 0.2852,
0.2690


 77.7543, 0.2930,
0.2849

 18.9833, 0.2810,
0.2608


 101.7367, 0.2948,
0.2885

 11.6582, 0.2753,
0.2501


130.2037, 0.2962,
0.2915

 6.5114, 0.2673,
0.2355

163.5398, 0.2974,
0.2942

 3.1585, 0.2551,
0.2145

202.1293, 0.2985,
0.2964

 1.2150, 0.2347,
0.1822

246.3566, 0.2994,

 0.0739, 0.1841,

0.2985

0.0368

296.6062, 0.3002,
0.3002

0.0000, 0.0000,
0.0000

41.7059, 0.2884,
0.2754

41.7059, 0.2884,
0.2754

32.9313, 0.2737,
0.2449

51.9274, 0.3014,
0.3035

25.5324, 0.2574,
0.2127

63.6526, 0.3126,
0.3288

19.4394, 0.2400,
0.1799

76.9413, 0.3223,
0.3514

14.5745, 0.2220,
0.1481

91.8485, 0.3305,
0.3714

10.8513, 0.2045,
0.1194

97.3825, 0.3400,
0.3741

■ 8.1716, 0.1886,
0.0958

■ 6.4201, 0.1752,
0.0788

■ 5.3964, 0.1649,
0.0682

Harmonies

Analogous

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



41.7059, 0.2626, 0.2748



41.7059, 0.2884, 0.2754



41.7059, 0.3221, 0.2885

Triad

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



41.7059, 0.2884, 0.2754



41.7059, 0.3793, 0.3655



41.7059, 0.2713, 0.3464

Complementary

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



41.7059, 0.2884, 0.2754



60.3983, 0.3340, 0.3801

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.



41.7059, 0.3008, 0.3751



41.7059, 0.2884, 0.2754



41.7059, 0.3637, 0.3847

Square

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



41.7059, 0.2884, 0.2754



41.7059, 0.3761, 0.3387



41.7059, 0.3347, 0.3892



41.7059, 0.2532, 0.3139

Rectangle

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



41.7059, 0.2884, 0.2754



41.7059, 0.3446, 0.3028



41.7059, 0.3347, 0.3892



41.7059, 0.2801, 0.3570

Sweetspot

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



41.7076, 0.2884, 0.2754



88.5394, 0.3061, 0.3140



53.4349, 0.2821, 0.3156



18.6955, 0.3053, 0.3123



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.



41.7076, 0.2884, 0.2754



59.3745, 0.2824, 0.2629



44.3229, 0.3059, 0.2781



11.5642, 0.3022, 0.3052



3.3687, 0.1661, 0.0689



0.2272, 0.1857, 0.0797

Inverse Universe

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



45.2806, 0.3243, 0.2918



65.9916, 0.3272, 0.2838



57.7907, 0.3180, 0.3827



11.9544, 0.3177, 0.3120



9.8265, 0.3992, 0.1973



0.5620, 0.3818, 0.1877

Previews

White Background



This preview shows how the Yxy color 41.7059, 0.2884, 0.2754 looks on a white background.

Color Contrast Check

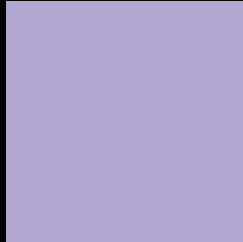
Large Text (above 18pt) WCAG AA × Fail

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 41.7059, 0.2884, 0.2754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

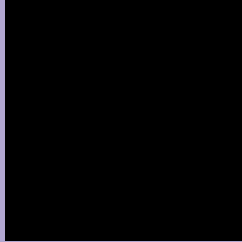
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.7059, 0.2884, 0.2754

Background



This preview shows how black text looks on a background with the Yxy color 41.7059, 0.2884, 0.2754.



This preview shows how white text looks on a background with the Yxy color 41.7059, 0.2884, 0.2754.

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

41.7059, 0.2884, 0.2754

Protanopia

41.7718, 0.2753, 0.2754

Deuteranopia

41.7500, 0.2836, 0.2772



Tritanopia

41.6273, 0.3039, 0.3102

Trichromacy



Original Color

41.7059, 0.2884, 0.2754

Protanomaly

41.8876, 0.2798, 0.2758

Deuteranomaly

41.6074, 0.2852, 0.2762

Tritanomaly

41.7585, 0.2976, 0.2973

Monochromacy



Original Color

41.7059, 0.2884, 0.2754

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.3230, 0.3040, 0.3091

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7059, 0.2884, 0.2754 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(178, 167, 209)` looks like.

```
.text, #text, p{  
    color:rgb(178, 167, 209)  
}
```

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(178, 167, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 167, 209) }
```

Border

The CSS property to change the border of an element to Yxy 41.7059, 0.2884, 0.2754 is called "border". The border property can be set on classes, ids or directly on the HTML element.

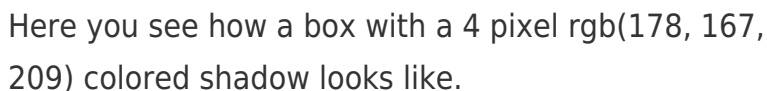
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 167, 209) }
```

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

```
.border{ border-color:rgb(178, 167, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 167, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 167, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 167, 209);  
box-shadow:4px 4px 4px 4px rgb(178, 167,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7059, 0.2884, 0.2754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 167, 209) }
```

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

```
.background{ background-color: rgb(178,  
167, 209) }
```

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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