

Converting Colors

$Y_{xy}(41.4196, 0.2930, 0.2721)$

Have a look what the booklet for
Yxy(41.4196, 0.2930, 0.2721)
contains.

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Color

Yxy(41.3447, 0.2934, 0.2723)

Conversions

Conversions Part 1

Format	Color
Hex	B8A4D1
RGB	184, 164, 209
RGB Percent	72%, 64%, 82%
CMY	0.2784, 0.3568, 0.1805
CMYK	0.12, 0.22, 0.00, 0.18
HSL	267°, 33%, 73%
HSV	267°, 22%, 82%
XYZ	44.5484, 41.3447, 65.9420
YIQ	175.1100, -2.5250, 18.2350

Conversions

Conversions Part 2

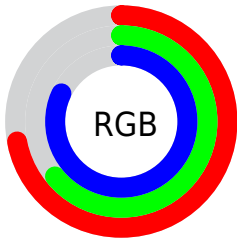
Format	Color
RYB	184, 164, 209
Decimal	12100817
CIELab	70.42, 15.90, -20.22
CIELCh	70, 25.723, 308.190
Yxy	41.3447, 0.2934, 0.2723
Android (android.graphics.Color)	4290290897 (0xFFB8A4D1)
YUV	175.1100, 16.7078, 7.7965
Hunter-Lab	64.2998, 11.1442, -15.7943

Details

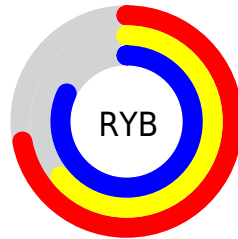
The Yxy color **41.3447, 0.2934, 0.2723** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **59.0911, 0.3290, 0.3851**, and the grayscale version is **42.8429, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.4083, 0.3040, 0.2929**, and **18.7467, 0.2882, 0.2574** is the 20% darker color. If you saturate the color by 10%, you get **33.0950, 0.2822, 0.2430**, and if you desaturate by 10%, it is **50.9446, 0.3032, 0.2999**.

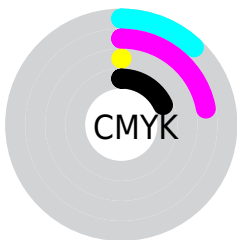
Distribution



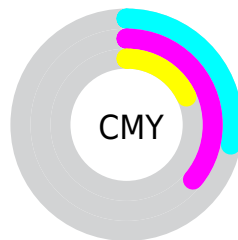
- Red (72%)
- Green (64%)
- Blue (82%)



- Red (72%)
- Yellow (64%)
- Blue (82%)



- Cyan (12%)
- Magenta (22%)
- Yellow (0%)
- Black (18%)




- Cyan (28%)
- Magenta (36%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3447, 0.2934, 0.2723 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 41.3447, 0.2934, 0.2723 by changing the saturation by 10% instead.

 41.3447, 0.2934,
0.2723


 41.3447, 0.2934,
0.2723


351.7592, 0.3035,
0.3001

 28.5885, 0.2907,
0.2655


 77.2069, 0.2972,
0.2823

 18.7698, 0.2873,
0.2570


 101.0817, 0.2986,
0.2861

 11.5040, 0.2825,
0.2458


129.4315, 0.2997,
0.2893

 6.4069, 0.2758,
0.2306

162.6407, 0.3007,
0.2920

 3.0941, 0.2653,
0.2090

201.0936, 0.3016,
0.2945

 1.1810, 0.2475,
0.1759

245.1748, 0.3023,

 0.0461, 0.2125,

0.2966


0.0227


295.2685, 0.3030,
0.2984


 0.0000, 0.0000,
0.0000


 41.3447, 0.2934,
0.2723


 41.3447, 0.2934,
0.2723


 33.0950, 0.2822,
0.2430

 50.9446, 0.3032,
0.2999

 26.1275, 0.2697,
0.2126


 61.9481, 0.3116,
0.3253

 20.3761, 0.2561,
0.1824

 74.4119, 0.3187,
0.3484

 15.7663, 0.2418,
0.1536

 88.3882, 0.3247,
0.3692

 12.2153, 0.2273,
0.1280

 95.0084, 0.3314,
0.3753

■ 9.6285, 0.2134,
0.1070

■ 97.1291, 0.3391,
0.3742

■ 7.8934, 0.2007,
0.0917

■ 97.3826, 0.3400,
0.3741

■ 6.9234, 0.1912,
0.0827

Harmonies

Analogous

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



41.3447, 0.2626, 0.2683



41.3447, 0.2934, 0.2723



41.3447, 0.3313, 0.2892

Triad

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



41.3447, 0.2934, 0.2723



41.3447, 0.3841, 0.3745



41.3447, 0.2614, 0.3402

Complementary

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



41.3447, 0.2934, 0.2723



59.0911, 0.3290, 0.3851

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.



41.3447, 0.2916, 0.3743



41.3447, 0.2934, 0.2723



41.3447, 0.3628, 0.3932

Square

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



41.3447, 0.2934, 0.2723



41.3447, 0.3854, 0.3460



41.3447, 0.3287, 0.3942



41.3447, 0.2451, 0.3049

Rectangle

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



41.3447, 0.2934, 0.2723



41.3447, 0.3553, 0.3060



41.3447, 0.3287, 0.3942



41.3447, 0.2702, 0.3524

Sweetspot

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



41.3464, 0.2934, 0.2723



89.0470, 0.3079, 0.3140



49.1040, 0.2792, 0.3038



18.8153, 0.3073, 0.3124



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.



41.3464, 0.2934, 0.2723



58.4172, 0.2882, 0.2585



44.2761, 0.3126, 0.2755



11.6711, 0.3050, 0.3055



4.3261, 0.1927, 0.0835



0.2886, 0.2135, 0.0950

Inverse Universe

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



43.7806, 0.3327, 0.2987



62.9917, 0.3382, 0.2917



56.4892, 0.3121, 0.3881



11.9166, 0.3205, 0.3162



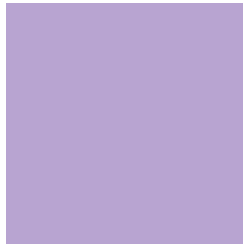
9.1570, 0.4712, 0.2369



0.5279, 0.4362, 0.2177

Previews

White Background



This preview shows how the Yxy color 41.3447, 0.2934, 0.2723 looks on a white background.

Color Contrast Check

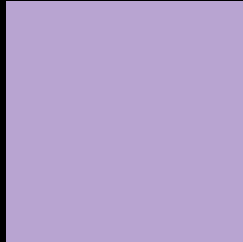
Large Text (above 18pt) WCAG AA × Fail

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 41.3447, 0.2934, 0.2723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

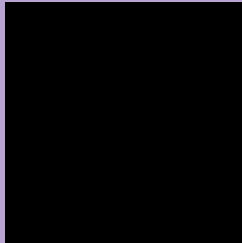
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.3447, 0.2934, 0.2723

Background



This preview shows how black text looks on a background with the Yxy color 41.3447, 0.2934, 0.2723.



This preview shows how white text looks on a background with the Yxy color 41.3447, 0.2934, 0.2723.

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

41.3447, 0.2934, 0.2723

Protanopia

41.6622, 0.2724, 0.2728

Deuteranopia

41.2173, 0.2835, 0.2770



Tritanopia

41.4566, 0.3117, 0.3117

Trichromacy



Original Color

41.3447, 0.2934, 0.2723

Protanomaly

41.3048, 0.2798, 0.2721

Deuteranomaly

41.4216, 0.2875, 0.2763

Tritanomaly

41.2670, 0.3044, 0.2963

Monochromacy



Original Color

41.3447, 0.2934, 0.2723

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.1787, 0.3057, 0.3078

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3447, 0.2934, 0.2723 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(184, 164, 209)` looks like.

```
.text, #text, p{  
    color:rgb(184, 164, 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(184, 164, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 164, 209) }
```

Border

The CSS property to change the border of an element to Yxy 41.3447, 0.2934, 0.2723 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(184, 164, 209) }
```

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

```
.border{ border-color:rgb(184, 164, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 164, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 164, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 164, 209);  
box-shadow:4px 4px 4px 4px rgb(184, 164,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3447, 0.2934, 0.2723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 164, 209) }
```

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

```
.background{ background-color: rgb(184,  
164, 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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