

Converting Colors

$Yxy(41.4643, 0.3004, 0.2792)$

Have a look what the booklet for
Yxy(41.4643, 0.3004, 0.2792)
contains.

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Color

Yxy(41.4275, 0.3008, 0.2797)

Conversions

Conversions Part 1

Format	Color
Hex	BBA4CB
RGB	187, 164, 203
RGB Percent	73%, 64%, 80%
CMY	0.2665, 0.3569, 0.2040
CMYK	0.08, 0.19, 0.00, 0.20
HSL	275°, 27%, 72%
HSV	275°, 19%, 80%
XYZ	44.5527, 41.4275, 62.1338
YIQ	175.3230, 1.1890, 17.0050

Conversions

Conversions Part 2

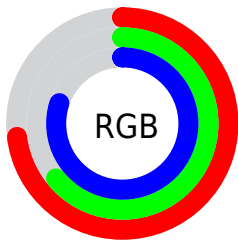
Format	Color
RYB	187, 164, 203
Decimal	12297419
CIELab	70.47, 15.67, -16.80
CIElCh	70, 22.969, 313.010
Yxy	41.4275, 0.3008, 0.2797
Android (android.graphics.Color)	4290487499 (0xFFBBA4CB)
YUV	175.3230, 13.6448, 10.2407
Hunter-Lab	64.3642, 10.9198, -12.1805

Details

The Yxy color $41.4275, 0.3008, 0.2797$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $55.0774, 0.3227, 0.3793$, and the grayscale version is $42.9756, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.9377, 0.3061, 0.2931$, and $18.8266, 0.2972, 0.2658$ is the 20% darker color. If you saturate the color by 10%, you get $33.7179, 0.2931, 0.2519$, and if you desaturate by 10%, it is $50.3605, 0.3075, 0.3062$.

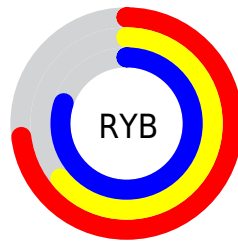
Distribution



Red (73%)

Green (64%)

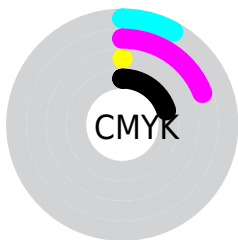
Blue (80%)



Red (73%)

Yellow (64%)

Blue (80%)

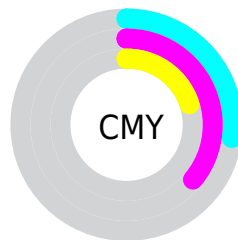


Cyan (8%)

Magenta (19%)

Yellow (0%)

Black (20%)



Cyan (27%)

Magenta (36%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4275, 0.3008, 0.2797 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 41.4275, 0.3008, 0.2797 by changing the saturation by 10% instead.


 41.4275, 0.3008,
0.2797


 41.4275, 0.3008,
0.2797


352.1042, 0.3071,
0.3040

 28.6533, 0.2991,
0.2738


 77.3324, 0.3032,
0.2884

 18.8187, 0.2969,
0.2662


 101.2319, 0.3041,
0.2917

 11.5393, 0.2938,
0.2563


129.6086, 0.3048,
0.2945

 6.4308, 0.2893,
0.2428

162.8469, 0.3054,
0.2970

 3.1088, 0.2822,
0.2233

201.3313, 0.3059,
0.2991

 1.1888, 0.2696,
0.1928

245.4460, 0.3064,

 0.0525, 0.2483,

0.3009

295.5755, 0.3068,
0.3025

0.0302

0.0000, 0.0000,
0.0000

41.4275, 0.3008,
0.2797

41.4275, 0.3008,
0.2797

33.7179, 0.2931,
0.2519

50.3605, 0.3075,
0.3062

27.1707, 0.2842,
0.2233

60.5639, 0.3131,
0.3309

21.7271, 0.2745,
0.1951

72.0886, 0.3179,
0.3536

17.3212, 0.2639,
0.1684

84.9811, 0.3218,
0.3742

13.8798, 0.2529,
0.1445

92.4129, 0.3262,
0.3830

■ 11.3197, 0.2419,
0.1247

■ 93.8075, 0.3316,
0.3821

■ 9.5432, 0.2313,
0.1098

■ 95.2683, 0.3370,
0.3812

■ 8.3843, 0.2214,
0.0997

■ 96.7960, 0.3426,
0.3802

■ 8.3021, 0.2206,
0.0989

■ 97.0908, 0.3436,
0.3801

Harmonies

Analogous

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



41.4275, 0.2716, 0.2742



41.4275, 0.3008, 0.2797



41.4275, 0.3348, 0.2966

Triad

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



41.4275, 0.3008, 0.2797



41.4275, 0.3745, 0.3735



41.4275, 0.2635, 0.3338

Complementary

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



41.4275, 0.3008, 0.2797



55.0774, 0.3227, 0.3793

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.



41.4275, 0.2891, 0.3649



41.4275, 0.3008, 0.2797



41.4275, 0.3533, 0.3876

Square

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



41.4275, 0.3008, 0.2797



41.4275, 0.3786, 0.3490



41.4275, 0.3218, 0.3852



41.4275, 0.2510, 0.3033

Rectangle

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



41.4275, 0.3008, 0.2797



41.4275, 0.3553, 0.3125



41.4275, 0.3218, 0.3852



41.4275, 0.2708, 0.3447

Sweetspot

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



41.4293, 0.3008, 0.2797



89.4563, 0.3093, 0.3141



44.9414, 0.2824, 0.2990



18.9120, 0.3090, 0.3125



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.



41.4293, 0.3008, 0.2797



63.8496, 0.2978, 0.2684



43.4000, 0.3177, 0.2855



11.1662, 0.3074, 0.3057



5.3390, 0.2219, 0.0996



0.3191, 0.2410, 0.1102

Inverse Universe

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



42.5352, 0.3353, 0.3091



66.0829, 0.3413, 0.3047



53.3926, 0.3080, 0.3767



11.2885, 0.3227, 0.3196



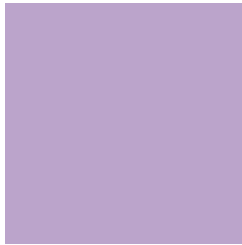
8.4947, 0.5322, 0.2706



0.4532, 0.4813, 0.2425

Previews

White Background



This preview shows how the Yxy color 41.4275, 0.3008, 0.2797 looks on a white background.

Color Contrast Check

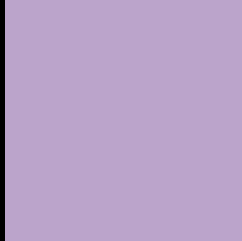
Large Text (above 18pt) WCAG AA × Fail

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 41.4275, 0.3008, 0.2797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

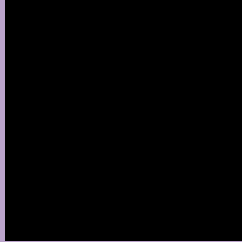
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.4275, 0.3008, 0.2797

Background



This preview shows how black text looks on a background with the Yxy color 41.4275, 0.3008, 0.2797.



This preview shows how white text looks on a background with the Yxy color 41.4275, 0.3008, 0.2797.

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

41.4275, 0.3008, 0.2797

Protanopia

41.6792, 0.2789, 0.2803

Deuteranopia

41.3835, 0.2913, 0.2847



Tritanopia

41.5318, 0.3162, 0.3119

Trichromacy



Original Color

41.4275, 0.3008, 0.2797

Protanomaly

41.3457, 0.2866, 0.2796

Deuteranomaly

41.4854, 0.2947, 0.2838

Tritanomaly

41.6258, 0.3104, 0.3004

Monochromacy



Original Color

41.4275, 0.3008, 0.2797

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.2123, 0.3083, 0.3105

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4275, 0.3008, 0.2797 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(187, 164, 203)` looks like.

```
.text, #text, p{  
    color:rgb(187, 164, 203)  
}
```

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(187, 164, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 164, 203) }
```

Border

The CSS property to change the border of an element to Yxy 41.4275, 0.3008, 0.2797 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(187, 164, 203) }
```

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

```
.border{ border-color:rgb(187, 164, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 164, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 164, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 164, 203);  
box-shadow:4px 4px 4px 4px rgb(187, 164,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4275, 0.3008, 0.2797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 164, 203) }
```

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

```
.background{ background-color: rgb(187,  
164, 203) }
```

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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