

Converting Colors

$Yxy(41.1796, 0.2969, 0.2886)$

Have a look what the booklet for
Yxy(41.1796, 0.2969, 0.2886)
contains.

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Color

Yxy(41.1796, 0.2969, 0.2886)

Conversions

Conversions Part 1

Format	Color
Hex	B2A7C6
RGB	178, 167, 198
RGB Percent	70%, 65%, 78%
CMY	0.3021, 0.3450, 0.2235
CMYK	0.10, 0.16, 0.00, 0.22
HSL	261°, 21%, 72%
HSV	261°, 16%, 78%
XYZ	42.3639, 41.1796, 59.1440
YIQ	173.8230, -3.3950, 11.9730

Conversions

Conversions Part 2

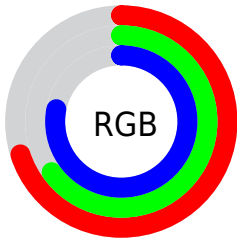
Format	Color
RYB	178, 167, 198
Decimal	11708358
CIELab	70.30, 9.95, -14.39
CIElCh	70, 17.492, 304.651
Yxy	41.1796, 0.2969, 0.2886
Android (android.graphics.Color)	4289898438 (0xFFB2A7C6)
YUV	173.8230, 11.9193, 3.6632
Hunter-Lab	64.1713, 5.5403, -9.7251

Details

The Yxy color $41.1796, 0.2969, 0.2886$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $53.7548, 0.3269, 0.3685$, and the grayscale version is $42.1691, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.9550, 0.2999, 0.2955$, and $18.6351, 0.2920, 0.2773$ is the 20% darker color. If you saturate the color by 10%, you get $33.0273, 0.2848, 0.2598$, and if you desaturate by 10%, it is $50.5877, 0.3074, 0.3151$.

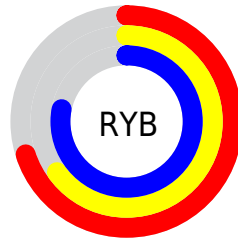
Distribution



Red (70%)

Green (65%)

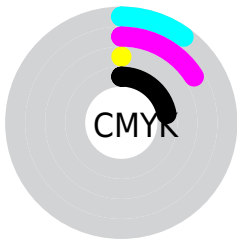
Blue (78%)



Red (70%)

Yellow (65%)

Blue (78%)

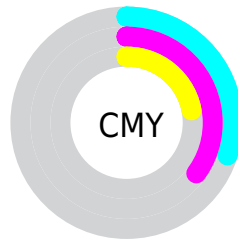


Cyan (10%)

Magenta (16%)

Yellow (0%)

Black (22%)



Cyan (30%)

Magenta (35%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.1796, 0.2969, 0.2886 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 41.1796, 0.2969, 0.2886 by changing the saturation by 10% instead.

■ 41.1796, 0.2969,
0.2886

■ 41.1796, 0.2969,
0.2886

■ 351.0707, 0.3051,
0.3087

■ 28.4594, 0.2948,
0.2836

■ 76.9565, 0.2999,
0.2959

■ 18.6723, 0.2920,
0.2772

■ 100.7820, 0.3011,
0.2986

■ 11.4337, 0.2882,
0.2688

■ 129.0780, 0.3020,
0.3010

■ 6.3594, 0.2827,
0.2571

■ 162.2290, 0.3028,
0.3029

■ 3.0648, 0.2743,
0.2399

■ 200.6194, 0.3035,
0.3047

■ 1.1657, 0.2596,
0.2122

■ 244.6336, 0.3041,

■ 0.0334, 0.2030,

0.3062

0.0247

294.6559, 0.3046,
0.3075

0.0000, 0.0000,
0.0000

41.1796, 0.2969,
0.2886

41.1796, 0.2969,
0.2886

33.0273, 0.2848,
0.2598

50.5877, 0.3074,
0.3151

26.0714, 0.2712,
0.2292

61.2973, 0.3165,
0.3391

20.2553, 0.2562,
0.1977

73.3581, 0.3242,
0.3606

15.5159, 0.2402,
0.1666

86.8156, 0.3307,
0.3797

11.7835, 0.2240,
0.1376

94.4783, 0.3379,
0.3866

■ 8.9800, 0.2082,
0.1124

■ 96.8260, 0.3465,
0.3850

■ 7.0152, 0.1938,
0.0927

■ 96.8574, 0.3466,
0.3850

■ 5.7783, 0.1815,
0.0793

■ 5.3747, 0.1768,
0.0748

Harmonies

Analogous

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



41.1796, 0.2763, 0.2874



41.1796, 0.2969, 0.2886



41.1796, 0.3226, 0.2995

Triad

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



41.1796, 0.2969, 0.2886



41.1796, 0.3621, 0.3589



41.1796, 0.2796, 0.3398

Complementary

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



41.1796, 0.2969, 0.2886



53.7548, 0.3269, 0.3685

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.



41.1796, 0.3016, 0.3614



41.1796, 0.2969, 0.2886



41.1796, 0.3495, 0.3719

Square

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



41.1796, 0.2969, 0.2886



41.1796, 0.3611, 0.3390



41.1796, 0.3271, 0.3733



41.1796, 0.2667, 0.3158

Rectangle

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



41.1796, 0.2969, 0.2886



41.1796, 0.3391, 0.3110



41.1796, 0.3271, 0.3733



41.1796, 0.2862, 0.3476

Sweetspot

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



41.1813, 0.2969, 0.2886



90.6018, 0.3080, 0.3166



47.9035, 0.2887, 0.3147



19.1201, 0.3073, 0.3148



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.



41.1813, 0.2969, 0.2886



67.4188, 0.2927, 0.2784



43.1063, 0.3104, 0.2902



10.4665, 0.3037, 0.3055



3.5388, 0.1781, 0.0755



0.2081, 0.2023, 0.0888

Inverse Universe

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



43.2418, 0.3239, 0.3039



71.8353, 0.3269, 0.2978



51.9141, 0.3144, 0.3700



10.7506, 0.3191, 0.3142



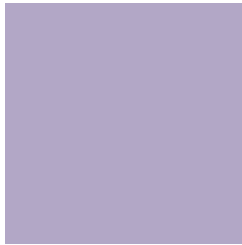
8.8402, 0.4337, 0.2163



0.4320, 0.4044, 0.2002

Previews

White Background



This preview shows how the Yxy color 41.1796, 0.2969, 0.2886 looks on a white background.

Color Contrast Check

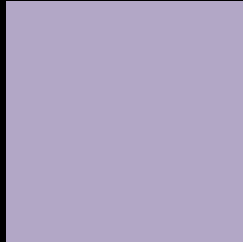
Large Text (above 18pt) WCAG AA × Fail

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 41.1796, 0.2969, 0.2886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

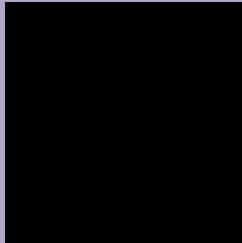
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1796, 0.2969, 0.2886

Background



This preview shows how black text looks on a background with the Yxy color 41.1796, 0.2969, 0.2886.



This preview shows how white text looks on a background with the Yxy color 41.1796, 0.2969, 0.2886.

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

41.1796, 0.2969, 0.2886

Protanopia

41.0266, 0.2854, 0.2890

Deuteranopia

41.3126, 0.2952, 0.2897



Tritanopia

41.2823, 0.3064, 0.3115

Trichromacy



Original Color

41.1796, 0.2969, 0.2886

Protanomaly

41.0455, 0.2894, 0.2892

Deuteranomaly

41.4296, 0.2961, 0.2898

Tritanomaly

41.2369, 0.3032, 0.3037

Monochromacy



Original Color

41.1796, 0.2969, 0.2886

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.6587, 0.3064, 0.3129

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1796, 0.2969, 0.2886 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(178, 167, 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(178, 167, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 167, 198) }
```

Border

The CSS property to change the border of an element to Yxy 41.1796, 0.2969, 0.2886 is called "border". The border property can be set on classes, ids or directly on the HTML element.

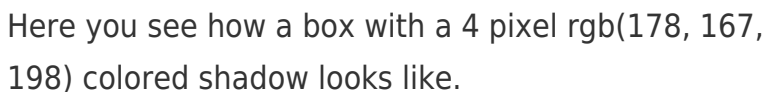
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 167, 198) }
```

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

```
.border{ border-color:rgb(178, 167, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 167, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 167, 198); box-shadow:4px 4px 4px 4px rgb(178, 167, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1796, 0.2969, 0.2886 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, 198) }
```

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

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