

Converting Colors

$Yxy(41.2123, 0.3261, 0.2974)$

Have a look what the booklet for
Yxy(41.2123, 0.3261, 0.2974)
contains.

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Color

Yxy(41.1770, 0.3264, 0.2976)

Conversions

Conversions Part 1

Format	Color
Hex	C7A1BA
RGB	199, 161, 186
RGB Percent	78%, 63%, 73%
CMY	0.2196, 0.3686, 0.2706
CMYK	0.00, 0.19, 0.07, 0.22
HSL	321°, 25%, 71%
HSV	321°, 19%, 78%
XYZ	45.1619, 41.1770, 52.0247
YIQ	175.2120, 14.6230, 15.8310

Conversions

Conversions Part 2

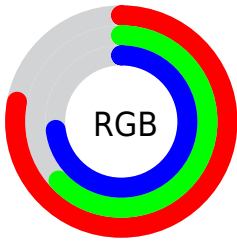
Format	Color
R _Y B	199, 161, 186
Decimal	13083066
CIE Lab	70.30, 18.18, -7.56
CIE LCh	70, 19.693, 337.416
Yxy	41.1770, 0.3264, 0.2976
Android (android.graphics.Color)	4291273146 (0xFFC7A1BA)
YUV	175.2120, 5.3185, 20.8621
Hunter-Lab	64.1693, 13.3307, -3.1503

Details

The Yxy color **41.1770, 0.3264, 0.2976** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.4819, 0.3012, 0.3626**, and the grayscale version is **42.9526, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.7825, 0.3233, 0.3033**, and **18.6505, 0.3305, 0.2883** is the 20% darker color. If you saturate the color by 10%, you get **34.4854, 0.3355, 0.2804**, and if you desaturate by 10%, it is **48.9930, 0.3187, 0.3144**.

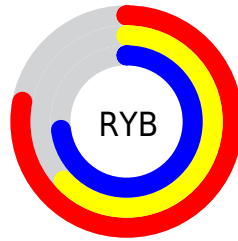
Distribution



Red (78%)

Green (63%)

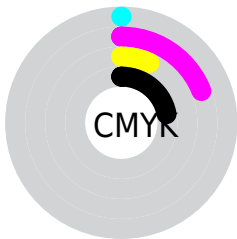
Blue (73%)



Red (78%)

Yellow (63%)

Blue (73%)

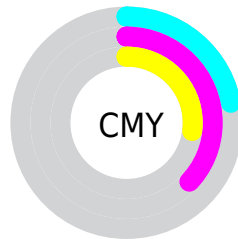


Cyan (0%)

Magenta (19%)

Yellow (7%)

Black (22%)



Cyan (22%)


Magenta (37%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1770, 0.3264, 0.2976 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 41.1770, 0.3264, 0.2976 by changing the saturation by 10% instead.

 41.1770, 0.3264,
0.2976

 41.1770, 0.3264,
0.2976


351.0598, 0.3196,
0.3132

 28.4574, 0.3281,
0.2937


 76.9525, 0.3239,
0.3033

 18.6708, 0.3302,
0.2887


 100.7772, 0.3230,
0.3054

 11.4326, 0.3331,
0.2822


129.0724, 0.3222,
0.3072

 6.3586, 0.3370,
0.2730

162.2226, 0.3216,
0.3088

 3.0643, 0.3429,
0.2594

200.6120, 0.3210,
0.3101

 1.1654, 0.3524,
0.2373

244.6250, 0.3205,

 0.0332, 0.4429,

0.3113

0.0309

294.6462, 0.3200,
0.3123

0.0000, 0.0000,
0.0000

41.1770, 0.3264,
0.2976

41.1770, 0.3264,
0.2976

34.4854, 0.3355,
0.2804

48.9930, 0.3187,
0.3144

28.8602, 0.3459,
0.2634

57.9768, 0.3122,
0.3304

24.2467, 0.3578,
0.2473

68.1764, 0.3067,
0.3455

20.5829, 0.3711,
0.2331

79.6352, 0.3022,
0.3595

17.7999, 0.3854,
0.2219

88.8320, 0.2983,
0.3669

■ 15.8198, 0.4003,
0.2148

■ 89.2002, 0.2947,
0.3593

■ 14.5504, 0.4154,
0.2124

■ 89.5832, 0.2910,
0.3518

■ 13.8354, 0.4301,
0.2148

■ 89.9812, 0.2875,
0.3444

■ 13.7796, 0.4314,
0.2150

■ 90.3945, 0.2839,
0.3371

Harmonies

Analogous

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



41.1770, 0.2974, 0.2845



41.1770, 0.3264, 0.2976



41.1770, 0.3527, 0.3183

Triad

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



41.1770, 0.3264, 0.2976



41.1770, 0.3520, 0.3781



41.1770, 0.2604, 0.3116

Complementary

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



41.1770, 0.3264, 0.2976



51.4819, 0.3012, 0.3626

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.



41.1770, 0.2737, 0.3385



41.1770, 0.3264, 0.2976



41.1770, 0.3261, 0.3785

Square

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



41.1770, 0.3264, 0.2976



41.1770, 0.3677, 0.3642



41.1770, 0.2975, 0.3638



41.1770, 0.2604, 0.2913

Rectangle

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



41.1770, 0.3264, 0.2976



41.1770, 0.3645, 0.3342



41.1770, 0.2975, 0.3638



41.1770, 0.2634, 0.3202

Sweetspot

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



41.1788, 0.3264, 0.2976



90.2912, 0.3166, 0.3193



38.5753, 0.2923, 0.2788



19.1098, 0.3171, 0.3182



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.



41.1788, 0.3264, 0.2976



66.8926, 0.3301, 0.2903



40.4359, 0.3437, 0.3210



10.7526, 0.3189, 0.3139



8.8772, 0.4295, 0.2140



0.4335, 0.4014, 0.1985

Inverse Universe

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



41.1788, 0.3264, 0.2976



66.8926, 0.3301, 0.2903



52.2614, 0.2885, 0.3373



10.7526, 0.3189, 0.3139



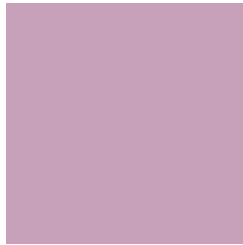
8.8772, 0.4295, 0.2140



0.4335, 0.4014, 0.1985

Previews

White Background



This preview shows how the Yxy color 41.1770, 0.3264, 0.2976 looks on a white background.

Color Contrast Check

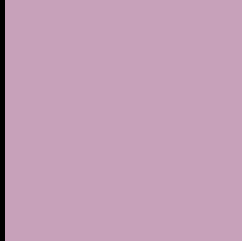
Large Text (above 18pt) WCAG AA × Fail

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 41.1770, 0.3264, 0.2976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

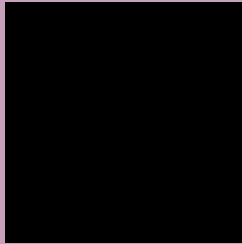
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1770, 0.3264, 0.2976

Background



This preview shows how black text looks on a background with the Yxy color 41.1770, 0.3264, 0.2976.



This preview shows how white text looks on a background with the Yxy color 41.1770, 0.3264, 0.2976.

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

41.1770, 0.3264, 0.2976

Protanopia

41.3666, 0.2940, 0.3008

Deuteranopia

41.2075, 0.3120, 0.3054



Tritanopia

41.2953, 0.3352, 0.3137

Trichromacy



Original Color

41.1770, 0.3264, 0.2976

Protanomaly

41.0584, 0.3052, 0.2988

Deuteranomaly

41.2319, 0.3176, 0.3032

Tritanomaly

41.1011, 0.3317, 0.3074

Monochromacy



Original Color

41.1770, 0.3264, 0.2976

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.1945, 0.3178, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1770, 0.3264, 0.2976 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(199, 161, 186)` looks like.

```
.text, #text, p{  
    color:rgb(199, 161, 186)  
}
```

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(199, 161, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 161, 186) }
```

Border

The CSS property to change the border of an element to Yxy 41.1770, 0.3264, 0.2976 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(199, 161, 186) }
```

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

```
.border{ border-color:rgb(199, 161, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 161, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 161, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 161, 186);  
box-shadow:4px 4px 4px 4px rgb(199, 161,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1770, 0.3264, 0.2976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 161, 186) }
```

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

```
.background{ background-color: rgb(199,  
161, 186) }
```

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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