

Converting Colors

$Y_{xy}(29.0440, 0.3786, 0.2941)$

Have a look what the booklet for
Yxy(29.0440, 0.3786, 0.2941)
contains.

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Color

Yxy(28.9584, 0.3782, 0.2931)

Conversions

Conversions Part 1

Format	Color
Hex	CC7A96
RGB	204, 122, 150
RGB Percent	80%, 48%, 59%
CMY	0.2000, 0.5215, 0.4117
CMYK	0.00, 0.40, 0.26, 0.20
HSL	340°, 45%, 64%
HSV	340°, 40%, 80%
XYZ	37.3663, 28.9584, 32.4757
YIQ	149.7100, 39.8840, 26.0920

Conversions

Conversions Part 2

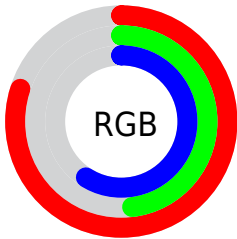
Format	Color
RYB	204, 122, 150
Decimal	13400726
CIELab	60.74, 35.49, -1.31
CIElCh	61, 35.511, 357.888
Yxy	28.9584, 0.3782, 0.2931
Android (android.graphics.Color)	4291590806 (0xFFCC7A96)
YUV	149.7100, 0.1430, 47.6123
Hunter-Lab	53.8130, 29.7729, 1.8881

Details

The Yxy color **28.9584, 0.3782, 0.2931** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **50.4578, 0.2739, 0.3690**, and the grayscale version is **30.3576, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.6703, 0.3583, 0.3001**, and **11.7032, 0.4018, 0.2813** is the 20% darker color. If you saturate the color by 10%, you get **24.0565, 0.4035, 0.2847**, and if you desaturate by 10%, it is **34.9642, 0.3569, 0.3023**.

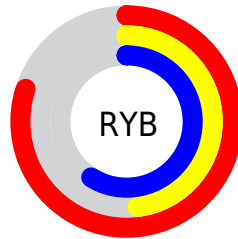
Distribution



Red (80%)

Green (48%)

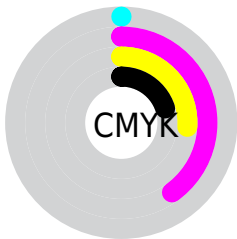
Blue (59%)



Red (80%)

Yellow (48%)

Blue (59%)

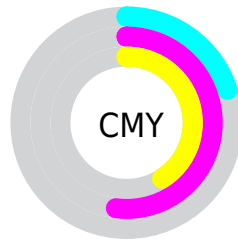


Cyan (0%)

Magenta (40%)

Yellow (26%)

Black (20%)



Cyan (20%)

Magenta (52%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9584, 0.3782, 0.2931 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 28.9584, 0.3782, 0.2931 by changing the saturation by 10% instead.


 28.9584, 0.3782,
0.2931


 28.9584, 0.3782,
0.2931


297.0186, 0.3430,
0.3123


 19.0494, 0.3879,
0.2879


 58.0110, 0.3648,
0.3004

 11.7059, 0.4008,
0.2809


 77.9233, 0.3599,
0.3030

 6.5438, 0.4192,
0.2711


 101.9389, 0.3559,
0.3052

 3.1785, 0.4469,
0.2564

130.4420, 0.3525,
0.3071

 1.2256, 0.4933,
0.2320

163.8172, 0.3496,
0.3087

 0.0825, 0.7825,
0.0680

202.4487, 0.3471,

 0.0000, 0.0000,

0.3100

0.0000

246.7211, 0.3449,
0.3112

■ 28.9584, 0.3782,
0.2931

■ 28.9584, 0.3782,
0.2931

■ 24.0565, 0.4035,
0.2847

■ 34.9642, 0.3569,
0.3023

■ 20.1862, 0.4328,
0.2778

■ 42.1317, 0.3393,
0.3115

■ 17.2733, 0.4654,
0.2738


■ 50.5200, 0.3248,
0.3204


■ 15.2318, 0.4996,
0.2738

■ 60.1826, 0.3129,
0.3288

■ 13.9597, 0.5330,
0.2786

■ 71.1700, 0.3032,
0.3367

 13.2751, 0.5627,
0.2873

 83.5299, 0.2953,
0.3439

 90.8914, 0.2884,
0.3404

 91.5772, 0.2827,
0.3289

Harmonies

Analogous

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



28.9584, 0.3198, 0.2592



28.9584, 0.3782, 0.2931



28.9584, 0.4192, 0.3361

Triad

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



28.9584, 0.3782, 0.2931



28.9584, 0.3544, 0.4352



28.9584, 0.2092, 0.2625

Complementary

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



28.9584, 0.3782, 0.2931



50.4578, 0.2739, 0.3690

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.



28.9584, 0.2164, 0.3070



28.9584, 0.3782, 0.2931



28.9584, 0.2975, 0.4166

Square

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



28.9584, 0.3782, 0.2931



28.9584, 0.4027, 0.4187



28.9584, 0.2474, 0.3659



28.9584, 0.2258, 0.2404

Rectangle

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



28.9584, 0.3782, 0.2931



28.9584, 0.4288, 0.3663



28.9584, 0.2474, 0.3659



28.9584, 0.2089, 0.2750

Sweetspot

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



28.9598, 0.3782, 0.2931



80.7760, 0.3274, 0.3187



27.4289, 0.2881, 0.2220



16.8820, 0.3292, 0.3175



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.



28.9598, 0.3782, 0.2931



40.9972, 0.3993, 0.2859



31.3770, 0.4069, 0.3453



11.2758, 0.3237, 0.3211



8.3714, 0.5590, 0.2853



0.4461, 0.5037, 0.2549

Inverse Universe

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



28.9598, 0.3782, 0.2931



40.9972, 0.3993, 0.2859



46.0652, 0.2551, 0.3117



11.2758, 0.3237, 0.3211



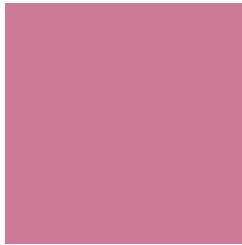
8.3714, 0.5590, 0.2853



0.4461, 0.5037, 0.2549

Previews

White Background



This preview shows how the Yxy color 28.9584, 0.3782, 0.2931 looks on a white background.

Color Contrast Check

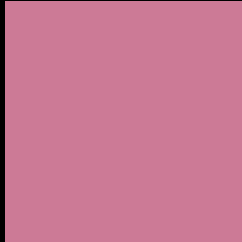
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9584, 0.3782, 0.2931 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 × Fail

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

Yxy 28.9584, 0.3782, 0.2931

Background



This preview shows how black text looks on a background with the Yxy color 28.9584, 0.3782, 0.2931.



This preview shows how white text looks on a background with the Yxy color 28.9584, 0.3782, 0.2931.

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

28.9584, 0.3782, 0.2931

Protanopia

29.2037, 0.2930, 0.2995

Deuteranopia

28.9984, 0.3292, 0.3230



Tritanopia

28.9450, 0.3947, 0.3174

Trichromacy



Original Color

28.9584, 0.3782, 0.2931

Protanomaly

28.5364, 0.3208, 0.2952

Deuteranomaly

28.7816, 0.3473, 0.3118

Tritanomaly

29.0053, 0.3888, 0.3084

Monochromacy



Original Color

28.9584, 0.3782, 0.2931

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.5042, 0.3352, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9584, 0.3782, 0.2931 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(204, 122, 150)` looks like.

```
.text, #text, p{  
    color:rgb(204, 122, 150)  
}
```

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(204, 122, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 122, 150) }
```

Border

The CSS property to change the border of an element to Yxy 28.9584, 0.3782, 0.2931 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(204, 122, 150) }
```

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

```
.border{ border-color:rgb(204, 122, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 122, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 122, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 122, 150);  
box-shadow:4px 4px 4px 4px rgb(204, 122,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9584, 0.3782, 0.2931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 122, 150) }
```

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

```
.background{ background-color: rgb(204,  
122, 150) }
```

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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