

Converting Colors

$Y_{xy}(29.8312, 0.3870, 0.3026)$

Have a look what the booklet for
Yxy(29.8312, 0.3870, 0.3026)
contains.

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Color

Yxy(29.7250, 0.3871, 0.3024)

Conversions

Conversions Part 1

Format	Color
Hex	CF7C91
RGB	207, 124, 145
RGB Percent	81%, 49%, 57%
CMY	0.1882, 0.5137, 0.4314
CMYK	0.00, 0.40, 0.30, 0.19
HSL	345°, 46%, 65%
HSV	345°, 40%, 81%
XYZ	38.0508, 29.7250, 30.5212
YIQ	151.2110, 42.7270, 24.1270

Conversions

Conversions Part 2

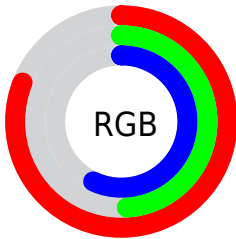
Format	Color
R_{YB}	207, 124, 145
Decimal	13597841
CIE _{Lab}	61.42, 34.82, 2.59
CIE _{LCh}	61, 34.912, 4.246
Yxy	29.7250, 0.3871, 0.3024
Android (android.graphics.Color)	4291787921 (0xFFCF7C91)
YUV	151.2110, -3.0620, 48.9270
Hunter-Lab	54.5206, 29.1666, 4.9733

Details

The Yxy color **29.7250, 0.3871, 0.3024** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **52.4564, 0.2697, 0.3582**, and the grayscale version is **31.0430, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.2243, 0.3623, 0.3073**, and **12.0753, 0.4116, 0.2919** is the 20% darker color. If you saturate the color by 10%, you get **24.6261, 0.4164, 0.2963**, and if you desaturate by 10%, it is **35.9806, 0.3626, 0.3092**.

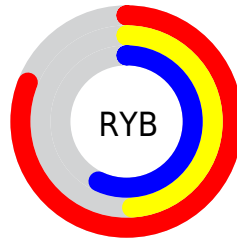
Distribution



Red (81%)

Green (49%)

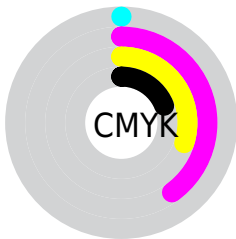
Blue (57%)



Red (81%)

Yellow (49%)

Blue (57%)

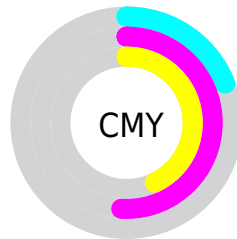


Cyan (0%)

Magenta (40%)

Yellow (30%)

Black (19%)



Cyan (19%)

Magenta (51%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.7250, 0.3871, 0.3024 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 29.7250, 0.3871, 0.3024 by changing the saturation by 10% instead.


 29.7250, 0.3871,
0.3024


 29.7250, 0.3871,
0.3024


300.6205, 0.3470,
0.3170

 19.6299, 0.3981,
0.2983


 59.2270, 0.3718,
0.3080

 12.1263, 0.4129,
0.2927


 79.4028, 0.3663,
0.3101

 6.8298, 0.4338,
0.2847


 103.7075, 0.3617,
0.3117

 3.3559, 0.4653,
0.2724

132.5257, 0.3579,
0.3131

 1.3202, 0.5179,
0.2511

166.2417, 0.3546,
0.3143

 0.1568, 0.8655,
0.1345

205.2399, 0.3517,

 0.0000, 0.0000,

0.3153

0.0000

249.9047, 0.3492,
0.3162

■ 29.7250, 0.3871,
0.3024

■ 29.7250, 0.3871,
0.3024

■ 24.6261, 0.4164,
0.2963

■ 35.9806, 0.3626,
0.3092

■ 20.6084, 0.4504,
0.2915

■ 43.4538, 0.3425,
0.3161

■ 17.5939, 0.4881,
0.2893


■ 52.2064, 0.3261,
0.3227

■ 15.4924, 0.5270,
0.2906

■ 62.2946, 0.3128,
0.3289

■ 14.1973, 0.5635,
0.2960

■ 73.7713, 0.3020,
0.3347

 13.5167, 0.5938,
0.3045

 86.6866, 0.2932,
0.3400

 91.8927, 0.2853,
0.3307

 92.0054, 0.2844,
0.3289

Harmonies

Analogous

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



29.7250, 0.3322, 0.2667



29.7250, 0.3871, 0.3024



29.7250, 0.4212, 0.3455

Triad

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



29.7250, 0.3871, 0.3024



29.7250, 0.3420, 0.4317



29.7250, 0.2130, 0.2577

Complementary

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



29.7250, 0.3871, 0.3024



52.4564, 0.2697, 0.3582

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.



29.7250, 0.2151, 0.2969



29.7250, 0.3871, 0.3024



29.7250, 0.2866, 0.4058

Square

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



29.7250, 0.3871, 0.3024



29.7250, 0.3921, 0.4222



29.7250, 0.2408, 0.3526



29.7250, 0.2341, 0.2407

Rectangle

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



29.7250, 0.3871, 0.3024



29.7250, 0.4257, 0.3748



29.7250, 0.2408, 0.3526



29.7250, 0.2111, 0.2684

Sweetspot

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



29.7264, 0.3871, 0.3024



80.6209, 0.3292, 0.3214



29.2195, 0.2950, 0.2242



16.8457, 0.3313, 0.3205



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.



29.7264, 0.3871, 0.3024



40.5905, 0.4116, 0.2971



34.4772, 0.4030, 0.3540



11.8566, 0.3251, 0.3231



8.5292, 0.5904, 0.3026



0.4899, 0.5370, 0.2732

Inverse Universe

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



29.7264, 0.3871, 0.3024



40.5905, 0.4116, 0.2971



44.6010, 0.2537, 0.3019



11.8566, 0.3251, 0.3231



8.5292, 0.5904, 0.3026



0.4899, 0.5370, 0.2732

Previews

White Background



This preview shows how the Yxy color 29.7250, 0.3871, 0.3024 looks on a white background.

Color Contrast Check

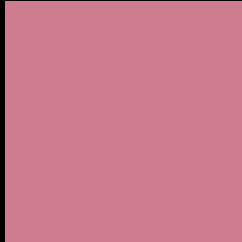
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7250, 0.3871, 0.3024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

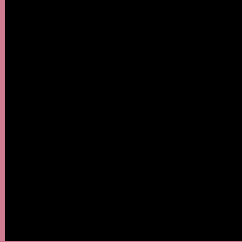
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.7250, 0.3871, 0.3024

Background



This preview shows how black text looks on a background with the Yxy color 29.7250, 0.3871, 0.3024.



This preview shows how white text looks on a background with the Yxy color 29.7250, 0.3871, 0.3024.

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

29.7250, 0.3871, 0.3024

Protanopia

29.9789, 0.3024, 0.3120

Deuteranopia

30.0065, 0.3384, 0.3321



Tritanopia

29.7928, 0.3976, 0.3177

Trichromacy



Original Color

29.7250, 0.3871, 0.3024

Protanomaly

29.2333, 0.3301, 0.3070

Deuteranomaly

29.6982, 0.3558, 0.3206

Tritanomaly

29.6531, 0.3930, 0.3112

Monochromacy



Original Color

29.7250, 0.3871, 0.3024

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.8776, 0.3372, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.7250, 0.3871, 0.3024 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(207, 124, 145)` looks like.

```
.text, #text, p{  
    color:rgb(207, 124, 145)  
}
```

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(207, 124, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 124, 145) }
```

Border

The CSS property to change the border of an element to Yxy 29.7250, 0.3871, 0.3024 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(207, 124, 145) }
```

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

```
.border{ border-color:rgb(207, 124, 145) }
```

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

Here you see how a box with a 4 pixel rgb(207, 124, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 124, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 124, 145);  
box-shadow:4px 4px 4px 4px rgb(207, 124,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 29.7250, 0.3871, 0.3024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 124, 145) }
```

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

```
.background{ background-color: rgb(207,  
124, 145) }
```

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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