

Converting Colors

$Y_{xy}(29.2832, 0.3815, 0.2971)$

Have a look what the booklet for
Yxy(29.2832, 0.3815, 0.2971)
contains.

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Color

Yxy(29.2832, 0.3815, 0.2971)

Conversions

Conversions Part 1

Format	Color
Hex	CD7B94
RGB	205, 123, 148
RGB Percent	80%, 48%, 58%
CMY	0.1961, 0.5176, 0.4197
CMYK	0.00, 0.40, 0.28, 0.20
HSL	342°, 45%, 64%
HSV	342°, 40%, 80%
XYZ	37.6020, 29.2832, 31.6783
YIQ	150.3680, 40.8470, 25.1590

Conversions

Conversions Part 2

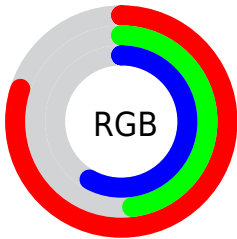
Format	Color
R _Y B	205, 123, 148
Decimal	13466516
CIE Lab	61.03, 35.02, 0.29
CIE LCh	61, 35.024, 0.469
Yxy	29.2832, 0.3815, 0.2971
Android (android.graphics.Color)	4291656596 (0xFFCD7B94)
YUV	150.3680, -1.1674, 47.9123
Hunter-Lab	54.1140, 29.3342, 3.1714

Details

The Yxy color **29.2832, 0.3815, 0.2971** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **51.1669, 0.2722, 0.3643**, and the grayscale version is **30.6565, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.9685, 0.3599, 0.3032**, and **11.8874, 0.4068, 0.2866** is the 20% darker color. If you saturate the color by 10%, you get **24.2956, 0.4084, 0.2896**, and if you desaturate by 10%, it is **35.3941, 0.3589, 0.3053**.

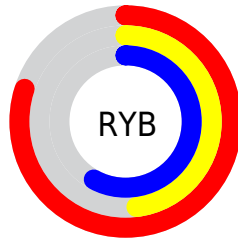
Distribution



Red (80%)

Green (48%)

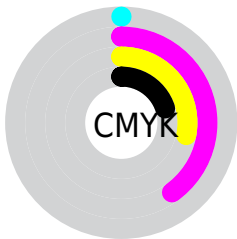
Blue (58%)



Red (80%)

Yellow (48%)

Blue (58%)

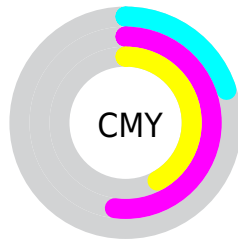


Cyan (0%)

Magenta (40%)

Yellow (28%)

Black (20%)



Cyan (20%)


Magenta (52%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2832, 0.3815, 0.2971 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 29.2832, 0.3815, 0.2971 by changing the saturation by 10% instead.

 29.2832, 0.3815,
0.2971


 29.2832, 0.3815,
0.2971


298.5488, 0.3445,
0.3143


 19.2952, 0.3917,
0.2924


 58.5267, 0.3674,
0.3037

 11.8837, 0.4053,
0.2860


 78.5510, 0.3623,
0.3060

 6.6646, 0.4246,
0.2770


 102.6895, 0.3581,
0.3080

 3.2532, 0.4538,
0.2633

131.3266, 0.3545,
0.3097

 1.2653, 0.5027,
0.2404

164.8467, 0.3514,
0.3111

 0.1141, 0.8162,
0.0961

203.6342, 0.3488,

 0.0000, 0.0000,

0.3123

0.0000

248.0734, 0.3465,
0.3134

■ 29.2832, 0.3815,
0.2971

■ 29.2832, 0.3815,
0.2971

■ 24.2956, 0.4084,
0.2896

■ 35.3941, 0.3589,
0.3053

■ 20.3579, 0.4396,
0.2836

■ 42.6871, 0.3403,
0.3135

■ 17.3950, 0.4743,
0.2803


■ 51.2220, 0.3251,
0.3215

■ 15.3195, 0.5106,
0.2808


■ 61.0533, 0.3127,
0.3290

■ 14.0283, 0.5456,
0.2860


■ 72.2323, 0.3026,
0.3360

 13.3310, 0.5764,
0.2949

 84.8073, 0.2943,
0.3423

 13.3305, 0.5764,
0.2949

 91.2612, 0.2870,
0.3365

 91.7179, 0.2833,
0.3289

Harmonies

Analogous

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



29.2832, 0.3248, 0.2626



29.2832, 0.3815, 0.2971



29.2832, 0.4195, 0.3399

Triad

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



29.2832, 0.3815, 0.2971



29.2832, 0.3492, 0.4332



29.2832, 0.2113, 0.2609

Complementary

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



29.2832, 0.3815, 0.2971



51.1669, 0.2722, 0.3643

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.



29.2832, 0.2163, 0.3030



29.2832, 0.3815, 0.2971



29.2832, 0.2931, 0.4117

Square

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



29.2832, 0.3815, 0.2971



29.2832, 0.3979, 0.4197



29.2832, 0.2451, 0.3602



29.2832, 0.2296, 0.2409

Rectangle

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



29.2832, 0.3815, 0.2971



29.2832, 0.4269, 0.3696



29.2832, 0.2451, 0.3602



29.2832, 0.2103, 0.2725

Sweetspot

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



29.2846, 0.3815, 0.2971



80.7109, 0.3281, 0.3198



28.1641, 0.2910, 0.2233



16.8668, 0.3301, 0.3188



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.



29.2846, 0.3815, 0.2971



40.8233, 0.4044, 0.2906



32.5975, 0.4048, 0.3487



11.2690, 0.3243, 0.3220



8.3144, 0.5726, 0.2928



0.4425, 0.5160, 0.2616

Inverse Universe

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



29.2846, 0.3815, 0.2971



40.8233, 0.4044, 0.2906



45.4299, 0.2548, 0.3079



11.2690, 0.3243, 0.3220



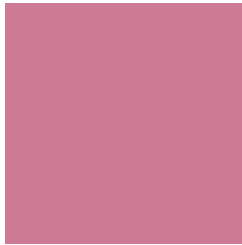
8.3144, 0.5726, 0.2928



0.4425, 0.5160, 0.2616

Previews

White Background



This preview shows how the Yxy color 29.2832, 0.3815, 0.2971 looks on a white background.

Color Contrast Check

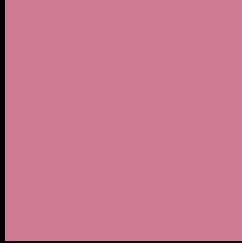
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2832, 0.3815, 0.2971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

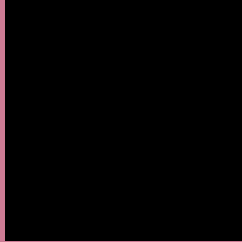
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2832, 0.3815, 0.2971

Background



This preview shows how black text looks on a background with the Yxy color 29.2832, 0.3815, 0.2971.



This preview shows how white text looks on a background with the Yxy color 29.2832, 0.3815, 0.2971.

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

29.2832, 0.3815, 0.2971

Protanopia

29.5871, 0.2977, 0.3057

Deuteranopia

29.4758, 0.3322, 0.3260



Tritanopia

29.2539, 0.3958, 0.3163

Trichromacy



Original Color

29.2832, 0.3815, 0.2971

Protanomaly

28.8268, 0.3249, 0.3010

Deuteranomaly

29.1486, 0.3493, 0.3147

Tritanomaly

29.1461, 0.3899, 0.3085

Monochromacy



Original Color

29.2832, 0.3815, 0.2971

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.4721, 0.3363, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2832, 0.3815, 0.2971 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(205, 123, 148)` looks like.

```
.text, #text, p{  
    color:rgb(205, 123, 148)  
}
```

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(205, 123, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 123, 148) }
```

Border

The CSS property to change the border of an element to Yxy 29.2832, 0.3815, 0.2971 is called "border". The border property can be set on classes, ids or directly on the HTML element.

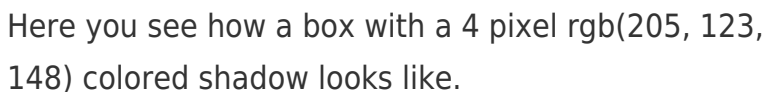
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 123, 148) }
```

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

```
.border{ border-color:rgb(205, 123, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 123, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 123, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 123, 148); box-shadow:4px 4px 4px 4px rgb(205, 123, 148) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2832, 0.3815, 0.2971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 123, 148) }
```

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

```
.background{ background-color: rgb(205,  
123, 148) }
```

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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