

Converting Colors

$Y_{xy}(29.2417, 0.3848, 0.3052)$

Have a look what the booklet for
Yxy(29.2417, 0.3848, 0.3052)
contains.

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Color

Yxy(29.3469, 0.3847, 0.3058)

Conversions

Conversions Part 1

Format	Color
Hex	CB7D8F
RGB	203, 125, 143
RGB Percent	80%, 49%, 56%
CMY	0.2039, 0.5098, 0.4392
CMYK	0.00, 0.38, 0.30, 0.20
HSL	346°, 43%, 64%
HSV	346°, 38%, 80%
XYZ	36.9187, 29.3469, 29.7020
YIQ	150.3740, 40.7100, 22.1340

Conversions

Conversions Part 2

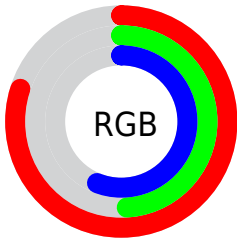
Format	Color
R _Y B	203, 125, 143
Decimal	13335951
CIE Lab	61.09, 32.55, 3.20
CIE LCh	61, 32.702, 5.613
Yxy	29.3469, 0.3847, 0.3058
Android (android.graphics.Color)	4291526031 (0xFFCB7D8F)
YUV	150.3740, -3.6354, 46.1530
Hunter-Lab	54.1728, 26.8454, 5.4133

Details

The Yxy color **29.3469, 0.3847, 0.3058** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.5738, 0.2701, 0.3542**, and the grayscale version is **30.6700, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.5314, 0.3639, 0.3104**, and **11.8909, 0.4101, 0.2963** is the 20% darker color. If you saturate the color by 10%, you get **24.2820, 0.4141, 0.3001**, and if you desaturate by 10%, it is **35.5308, 0.3603, 0.3120**.

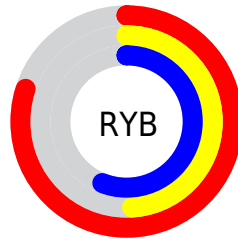
Distribution



Red (80%)

Green (49%)

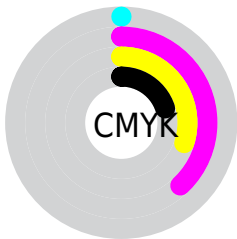
Blue (56%)



Red (80%)

Yellow (49%)

Blue (56%)

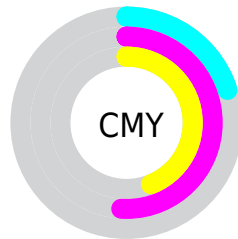


Cyan (0%)

Magenta (38%)

Yellow (30%)

Black (20%)



Cyan (20%)


Magenta (51%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.3469, 0.3847, 0.3058 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 29.3469, 0.3847, 0.3058 by changing the saturation by 10% instead.


 29.3469, 0.3847,
0.3058

 29.3469, 0.3847,
0.3058


298.8482, 0.3458,
0.3187

 19.3434, 0.3954,
0.3021


 58.6278, 0.3698,
0.3108

 11.9187, 0.4099,
0.2971


 78.6740, 0.3645,
0.3126

 6.6883, 0.4304,
0.2898


 102.8365, 0.3600,
0.3140

 3.2680, 0.4615,
0.2785

131.4998, 0.3563,
0.3153

 1.2732, 0.5139,
0.2586

165.0482, 0.3531,
0.3163

 0.1203, 0.8833,
0.1167


203.8661, 0.3503,


 0.0000, 0.0000,


0.3172

0.0000


248.3380, 0.3479,
0.3180


 29.3469, 0.3847,
0.3058


 29.3469, 0.3847,
0.3058


 24.2820, 0.4141,
0.3001


 35.5308, 0.3603,
0.3120

 20.2648, 0.4484,
0.2956

 42.8910, 0.3402,
0.3183

 17.2222, 0.4868,
0.2933


 51.4858, 0.3240,
0.3242


 15.0701, 0.5268,
0.2941

 61.3687, 0.3108,
0.3299


 13.7097, 0.5645,
0.2989

 72.5896, 0.3001,
0.3350

 12.9898, 0.5959,
0.3069

 85.1961, 0.2914,
0.3398

 12.8996, 0.6003,
0.3081

 91.2646, 0.2835,
0.3317

 91.4359, 0.2822,
0.3289

Harmonies

Analogous

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



29.3469, 0.3337, 0.2714



29.3469, 0.3847, 0.3058



29.3469, 0.4155, 0.3470

Triad

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



29.3469, 0.3847, 0.3058



29.3469, 0.3383, 0.4249



29.3469, 0.2188, 0.2607

Complementary

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



29.3469, 0.3847, 0.3058



50.5738, 0.2701, 0.3542

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.



29.3469, 0.2198, 0.2970



29.3469, 0.3847, 0.3058



29.3469, 0.2861, 0.3989

Square

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



29.3469, 0.3847, 0.3058



29.3469, 0.3860, 0.4180



29.3469, 0.2433, 0.3488



29.3469, 0.2398, 0.2452

Rectangle

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



29.3469, 0.3847, 0.3058



29.3469, 0.4189, 0.3747



29.3469, 0.2433, 0.3488



29.3469, 0.2166, 0.2705

Sweetspot

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



29.3483, 0.3847, 0.3058



80.5819, 0.3297, 0.3220



29.2703, 0.2986, 0.2296



16.8366, 0.3318, 0.3213



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.



29.3483, 0.3847, 0.3058



42.0585, 0.4084, 0.3011



34.6746, 0.3964, 0.3563



11.2554, 0.3254, 0.3237



8.2214, 0.5971, 0.3063



0.4362, 0.5405, 0.2751

Inverse Universe

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



29.3483, 0.3847, 0.3058



42.0585, 0.4084, 0.3011



42.2098, 0.2554, 0.2994



11.2554, 0.3254, 0.3237



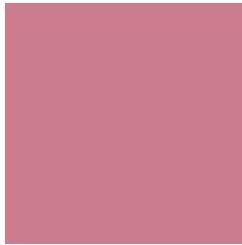
8.2214, 0.5971, 0.3063



0.4362, 0.5405, 0.2751

Previews

White Background



This preview shows how the Yxy color 29.3469, 0.3847, 0.3058 looks on a white background.

Color Contrast Check

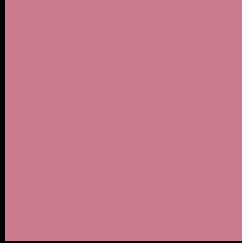
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3469, 0.3847, 0.3058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

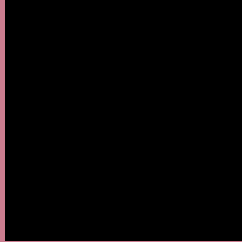
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.3469, 0.3847, 0.3058

Background



This preview shows how black text looks on a background with the Yxy color 29.3469, 0.3847, 0.3058.



This preview shows how white text looks on a background with the Yxy color 29.3469, 0.3847, 0.3058.

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

29.3469, 0.3847, 0.3058

Protanopia

29.5636, 0.3052, 0.3150

Deuteranopia

29.5377, 0.3397, 0.3336



Tritanopia

29.2558, 0.3918, 0.3161

Trichromacy



Original Color

29.3469, 0.3847, 0.3058

Protanomaly

29.0244, 0.3321, 0.3113

Deuteranomaly

29.1151, 0.3561, 0.3219

Tritanomaly

29.3423, 0.3881, 0.3122

Monochromacy



Original Color

29.3469, 0.3847, 0.3058

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.5914, 0.3371, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3469, 0.3847, 0.3058 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(203, 125, 143)` looks like.

```
.text, #text, p{  
    color:rgb(203, 125, 143)  
}
```

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(203, 125, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 125, 143) }
```

Border

The CSS property to change the border of an element to Yxy 29.3469, 0.3847, 0.3058 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(203, 125, 143) }
```

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

```
.border{ border-color:rgb(203, 125, 143) }
```

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

Here you see how a box with a 4 pixel rgb(203, 125, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 125, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 125, 143);  
box-shadow:4px 4px 4px 4px rgb(203, 125,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3469, 0.3847, 0.3058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 125, 143) }
```

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

```
.background{ background-color: rgb(203,  
125, 143) }
```

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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