

Converting Colors

$Y_{xy}(29.0435, 0.3667, 0.3141)$

Have a look what the booklet for
Yxy(29.0435, 0.3667, 0.3141)
contains.

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Color

Yxy(28.8770, 0.3667, 0.3139)

Conversions

Conversions Part 1

Format	Color
Hex	BC838E
RGB	188, 131, 142
RGB Percent	74%, 51%, 56%
CMY	0.2628, 0.4862, 0.4432
CMYK	0.00, 0.30, 0.24, 0.26
HSL	348°, 30%, 63%
HSV	348°, 30%, 74%
XYZ	33.7343, 28.8770, 29.3830
YIQ	149.2970, 30.4410, 15.5050

Conversions

Conversions Part 2

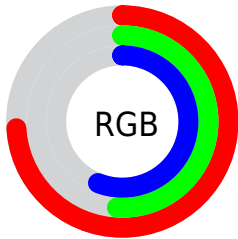
Format	Color
R _Y B	188, 131, 142
Decimal	12354446
CIE Lab	60.67, 23.52, 2.95
CIE LCh	61, 23.707, 7.151
Yxy	28.8770, 0.3667, 0.3139
Android (android.graphics.Color)	4290544526 (0xFFBC838E)
YUV	149.2970, -3.5974, 33.9425
Hunter-Lab	53.7373, 18.0154, 5.1970

Details

The Yxy color **28.8770, 0.3667, 0.3139** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.9607, 0.2768, 0.3449**, and the grayscale version is **30.1928, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.6790, 0.3551, 0.3163**, and **11.6441, 0.3849, 0.3081** is the 20% darker color. If you saturate the color by 10%, you get **23.8527, 0.3932, 0.3088**, and if you desaturate by 10%, it is **34.8822, 0.3450, 0.3191**.

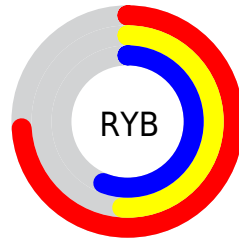
Distribution



Red (74%)

Green (51%)

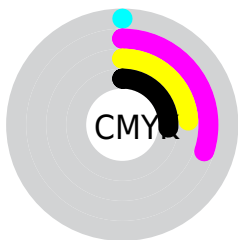
Blue (56%)



Red (74%)

Yellow (51%)

Blue (56%)

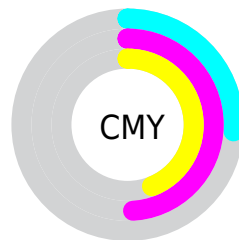


Cyan (0%)

Magenta (30%)

Yellow (24%)

Black (26%)



Cyan (26%)


Magenta (49%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.8770, 0.3667, 0.3139 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 28.8770, 0.3667, 0.3139 by changing the saturation by 10% instead.


 28.8770, 0.3667,
0.3139


 28.8770, 0.3667,
0.3139


296.6342, 0.3374,
0.3223

 18.9878, 0.3748,
0.3115


 57.8816, 0.3555,
0.3172

 11.6615, 0.3859,
0.3081


 77.7658, 0.3514,
0.3184

 6.5136, 0.4016,
0.3032


 101.7504, 0.3481,
0.3193

 3.1598, 0.4258,
0.2955

130.2199, 0.3453,
0.3201

 1.2157, 0.4675,
0.2814

163.5586, 0.3429,
0.3208

 0.0745, 0.8965,
0.1035

202.1510, 0.3408,

 0.0000, 0.0000,

0.3214


0.0000


246.3814, 0.3390,
0.3219


 28.8770, 0.3667,
0.3139


 28.8770, 0.3667,
0.3139


 23.8527, 0.3932,
0.3088


 34.8822, 0.3450,
0.3191


 19.7532, 0.4250,
0.3042


 41.9124, 0.3274,
0.3241

 16.5230, 0.4618,
0.3009

 50.0140, 0.3131,
0.3289


 14.0987, 0.5024,
0.2996


 59.2292, 0.3016,
0.3332

 12.4085, 0.5436,
0.3013

 69.5982, 0.2922,
0.3372

 11.3677, 0.5809,
0.3064

 81.1590, 0.2845,
0.3408

 10.8181, 0.6096,
0.3132

 89.0007, 0.2775,
0.3361

 89.4294, 0.2741,
0.3289

Harmonies

Analogous

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



28.8770, 0.3305, 0.2870



28.8770, 0.3667, 0.3139



28.8770, 0.3879, 0.3454

Triad

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



28.8770, 0.3667, 0.3139



28.8770, 0.3305, 0.3972



28.8770, 0.2428, 0.2781

Complementary

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



28.8770, 0.3667, 0.3139



43.9607, 0.2768, 0.3449

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.



28.8770, 0.2429, 0.3050



28.8770, 0.3667, 0.3139



28.8770, 0.2920, 0.3772

Square

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



28.8770, 0.3667, 0.3139



28.8770, 0.3657, 0.3952



28.8770, 0.2604, 0.3419



28.8770, 0.2599, 0.2663

Rectangle

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



28.8770, 0.3667, 0.3139



28.8770, 0.3900, 0.3659



28.8770, 0.2604, 0.3419



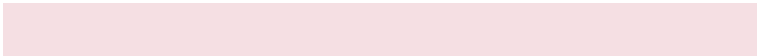
28.8770, 0.2409, 0.2855

Sweetspot

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



28.8784, 0.3667, 0.3139



77.5748, 0.3256, 0.3247



29.1655, 0.3044, 0.2520



16.2499, 0.3278, 0.3240



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.8784, 0.3667, 0.3139



46.4221, 0.3828, 0.3107



33.5412, 0.3728, 0.3528



9.5656, 0.3259, 0.3246



7.3754, 0.6069, 0.3117



0.2981, 0.5423, 0.2761

Inverse Universe

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



28.8784, 0.3667, 0.3139



46.4221, 0.3828, 0.3107



37.5420, 0.2668, 0.3037



9.5656, 0.3259, 0.3246



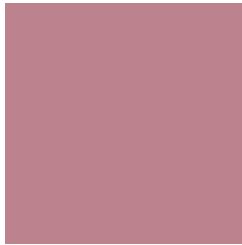
7.3754, 0.6069, 0.3117



0.2981, 0.5423, 0.2761

Previews

White Background



This preview shows how the Yxy color 28.8770, 0.3667, 0.3139 looks on a white background.

Color Contrast Check

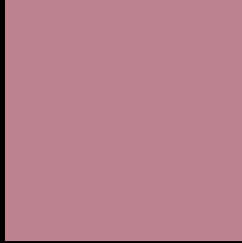
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8770, 0.3667, 0.3139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

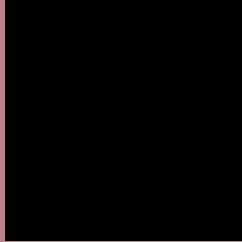
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.8770, 0.3667, 0.3139

Background



This preview shows how black text looks on a background with the Yxy color 28.8770, 0.3667, 0.3139.



This preview shows how white text looks on a background with the Yxy color 28.8770, 0.3667, 0.3139.

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

28.8770, 0.3667, 0.3139

Protanopia

29.0557, 0.3109, 0.3227

Deuteranopia

29.0260, 0.3377, 0.3321



Tritanopia

28.8471, 0.3679, 0.3153

Trichromacy



Original Color

28.8770, 0.3667, 0.3139

Protanomaly

28.9429, 0.3305, 0.3200

Deuteranomaly

28.8707, 0.3476, 0.3247

Tritanomaly

28.8471, 0.3679, 0.3153

Monochromacy



Original Color

28.8770, 0.3667, 0.3139

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.2079, 0.3314, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.8770, 0.3667, 0.3139 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(188, 131, 142)` looks like.

```
.text, #text, p{  
    color:rgb(188, 131, 142)  
}
```

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(188, 131, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 131, 142) }
```

Border

The CSS property to change the border of an element to Yxy 28.8770, 0.3667, 0.3139 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(188, 131, 142) }
```

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

```
.border{ border-color:rgb(188, 131, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 131, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 131, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 131, 142);  
box-shadow:4px 4px 4px 4px rgb(188, 131,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 28.8770, 0.3667, 0.3139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 131, 142) }
```

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

```
.background{ background-color: rgb(188,  
131, 142) }
```

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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