

Converting Colors

$Y_{xy}(28.1819, 0.3719, 0.3207)$

Have a look what the booklet for
Yxy(28.1819, 0.3719, 0.3207)
contains.

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Color

Yxy(28.1819, 0.3719, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	BA8288
RGB	186, 130, 136
RGB Percent	73%, 51%, 53%
CMY	0.2705, 0.4902, 0.4666
CMYK	0.00, 0.30, 0.27, 0.27
HSL	354°, 29%, 62%
HSV	354°, 30%, 73%
XYZ	32.6812, 28.1819, 27.0131
YIQ	147.4280, 31.4500, 13.7380

Conversions

Conversions Part 2

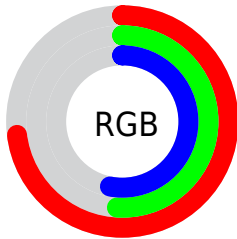
Format	Color
RYB	186, 130, 136
Decimal	12223112
CIELab	60.05, 22.47, 5.45
CIELCh	60, 23.125, 13.643
Yxy	28.1819, 0.3719, 0.3207
Android (android.graphics.Color)	4290413192 (0xFFBA8288)
YUV	147.4280, -5.6340, 33.8276
Hunter-Lab	53.0866, 16.9865, 6.9909

Details

The Yxy color **28.1819, 0.3719, 0.3207** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.1690, 0.2738, 0.3377**, and the grayscale version is **29.3792, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.5958, 0.3596, 0.3226**, and **11.2345, 0.3931, 0.3175** is the 20% darker color. If you saturate the color by 10%, you get **23.2380, 0.4014, 0.3179**, and if you desaturate by 10%, it is **34.0962, 0.3479, 0.3236**.

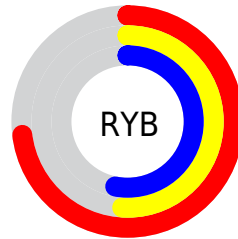
Distribution



Red (73%)

Green (51%)

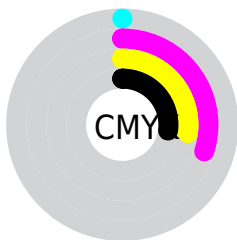
Blue (53%)



Red (73%)

Yellow (51%)

Blue (53%)

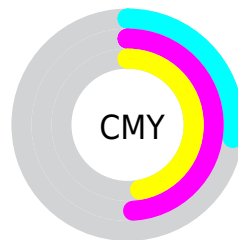


Cyan (0%)

Magenta (30%)

Yellow (27%)

Black (27%)



Cyan (27%)


Magenta (49%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.1819, 0.3719, 0.3207 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 28.1819, 0.3719, 0.3207 by changing the saturation by 10% instead.


 28.1819, 0.3719,
0.3207


 28.1819, 0.3719,
0.3207


293.3351, 0.3396,
0.3257


 18.4628, 0.3810,
0.3191


 56.7747, 0.3595,
0.3227

 11.2828, 0.3933,
0.3169


 76.4173, 0.3550,
0.3234

 6.2574, 0.4109,
0.3134


 100.1364, 0.3513,
0.3240

 3.0022, 0.4383,
0.3075

128.3166, 0.3482,
0.3244

 1.1329, 0.4867,
0.2962

161.3421, 0.3456,
0.3248

 0.0058, 0.9896,
0.0104

199.5974, 0.3433,

 0.0000, 0.0000,

0.3251

0.0000

243.4670, 0.3414,
0.3254

■ 28.1819, 0.3719,
0.3207

■ 28.1819, 0.3719,
0.3207

■ 23.2380, 0.4014,
0.3179

■ 34.0962, 0.3479,
0.3236

■ 19.2089, 0.4367,
0.3155

■ 41.0247, 0.3285,
0.3264

■ 16.0395, 0.4776,
0.3139


■ 49.0133, 0.3129,
0.3290

■ 13.6673, 0.5219,
0.3136


■ 58.1039, 0.3003,
0.3314

■ 12.0210, 0.5654,
0.3153

■ 68.3361, 0.2901,
0.3336

 11.0169, 0.6021,
0.3189

 79.7478, 0.2818,
0.3355

 10.4926, 0.6274,
0.3230

 89.0058, 0.2745,
0.3318

 89.1822, 0.2731,
0.3289

Harmonies

Analogous

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



28.1819, 0.3386, 0.2927



28.1819, 0.3719, 0.3207



28.1819, 0.3884, 0.3520

Triad

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



28.1819, 0.3719, 0.3207



28.1819, 0.3220, 0.3935



28.1819, 0.2462, 0.2751

Complementary

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



28.1819, 0.3719, 0.3207



43.1690, 0.2738, 0.3377

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.



28.1819, 0.2425, 0.2986



28.1819, 0.3719, 0.3207



28.1819, 0.2848, 0.3697

Square

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



28.1819, 0.3719, 0.3207



28.1819, 0.3582, 0.3963



28.1819, 0.2562, 0.3335



28.1819, 0.2664, 0.2668

Rectangle

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



28.1819, 0.3719, 0.3207



28.1819, 0.3872, 0.3714



28.1819, 0.2562, 0.3335



28.1819, 0.2430, 0.2813

Sweetspot

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



28.1832, 0.3719, 0.3207



75.6595, 0.3268, 0.3266



29.1513, 0.3093, 0.2537



16.2246, 0.3294, 0.3262



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.



28.1832, 0.3719, 0.3207



45.0726, 0.3903, 0.3189



34.3389, 0.3704, 0.3590



9.0275, 0.3271, 0.3266



7.0627, 0.6254, 0.3219



0.2542, 0.5774, 0.2954

Inverse Universe

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



28.1832, 0.3719, 0.3207



45.0726, 0.3903, 0.3189



35.0380, 0.2663, 0.2968



9.0275, 0.3271, 0.3266



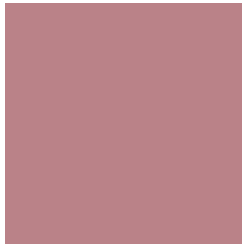
7.0627, 0.6254, 0.3219



0.2542, 0.5774, 0.2954

Previews

White Background



This preview shows how the Yxy color 28.1819, 0.3719, 0.3207 looks on a white background.

Color Contrast Check

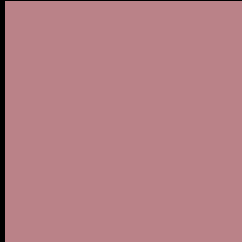
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1819, 0.3719, 0.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

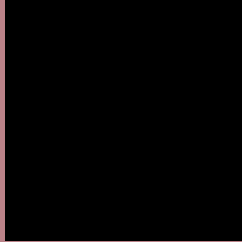
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.1819, 0.3719, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 28.1819, 0.3719, 0.3207.



This preview shows how white text looks on a background with the Yxy color 28.1819, 0.3719, 0.3207.

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

28.1819, 0.3719, 0.3207

Protanopia

28.2560, 0.3170, 0.3290

Deuteranopia

28.2639, 0.3446, 0.3383



Tritanopia

28.0037, 0.3686, 0.3151

Trichromacy



Original Color

28.1819, 0.3719, 0.3207

Protanomaly

28.0697, 0.3361, 0.3260

Deuteranomaly

28.0155, 0.3537, 0.3306

Tritanomaly

27.9746, 0.3698, 0.3165

Monochromacy



Original Color

28.1819, 0.3719, 0.3207

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.6100, 0.3325, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1819, 0.3719, 0.3207 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(186, 130, 136)` looks like.

```
.text, #text, p{  
    color:rgb(186, 130, 136)  
}
```

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(186, 130, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 130, 136) }
```

Border

The CSS property to change the border of an element to Yxy 28.1819, 0.3719, 0.3207 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(186, 130, 136) }
```

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

```
.border{ border-color:rgb(186, 130, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 130, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 130, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 130, 136);  
box-shadow:4px 4px 4px 4px rgb(186, 130,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1819, 0.3719, 0.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 130, 136) }
```

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

```
.background{ background-color: rgb(186,  
130, 136) }
```

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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