

Converting Colors

$Y_{xy}(28.1212, 0.3725, 0.3139)$

Have a look what the booklet for
Yxy(28.1212, 0.3725, 0.3139)
contains.

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Color

Yxy(28.1212, 0.3725, 0.3139)

Conversions

Conversions Part 1

Format	Color
Hex	BD808B
RGB	189, 128, 139
RGB Percent	74%, 50%, 55%
CMY	0.2587, 0.4981, 0.4549
CMYK	0.00, 0.32, 0.26, 0.26
HSL	349°, 32%, 62%
HSV	349°, 32%, 74%
XYZ	33.3710, 28.1212, 28.0943
YIQ	147.4930, 32.8250, 16.3530

Conversions

Conversions Part 2

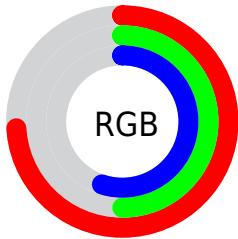
Format	Color
R _Y B	189, 128, 139
Decimal	12419211
CIE Lab	60.00, 25.16, 3.71
CIE LCh	60, 25.427, 8.379
Yxy	28.1212, 0.3725, 0.3139
Android (android.graphics.Color)	4290609291 (0xFFBD808B)
YUV	147.4930, -4.1870, 36.4016
Hunter-Lab	53.0294, 19.5270, 5.7095

Details

The Yxy color **28.1212, 0.3725, 0.3139** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.2118, 0.2742, 0.3450**, and the grayscale version is **29.4007, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.4463, 0.3600, 0.3173**, and **11.2384, 0.3938, 0.3082** is the 20% darker color. If you saturate the color by 10%, you get **23.2213, 0.4005, 0.3092**, and if you desaturate by 10%, it is **34.0065, 0.3495, 0.3188**.

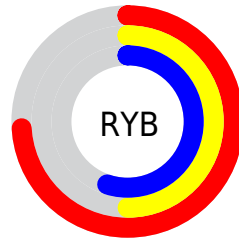
Distribution



Red (74%)

Green (50%)

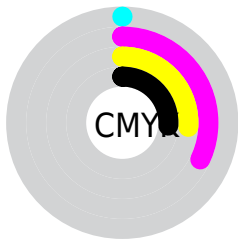
Blue (55%)



Red (74%)

Yellow (50%)

Blue (55%)

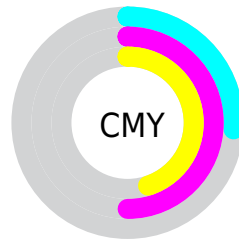


Cyan (0%)

Magenta (32%)

Yellow (26%)

Black (26%)



Cyan (26%)


Magenta (50%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.1212, 0.3725, 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 28.1212, 0.3725, 0.3139 by changing the saturation by 10% instead.


 28.1212, 0.3725,
0.3139

 28.1212, 0.3725,
0.3139


293.0456, 0.3399,
0.3224


 18.4170, 0.3816,
0.3114

 56.6779, 0.3600,
0.3173

 11.2498, 0.3940,
0.3079


 76.2992, 0.3555,
0.3185

 6.2351, 0.4117,
0.3027

 99.9950, 0.3518,
0.3194

 2.9886, 0.4391,
0.2944

128.1498, 0.3486,
0.3202

 1.1258, 0.4867,
0.2789

161.1478, 0.3460,
0.3209

 0.0000, 1.0000,
0.0000


199.3735, 0.3437,


 0.0000, 0.0000,


0.3215


0.0000

243.2113, 0.3417,
0.3220


 28.1212, 0.3725,
0.3139


 28.1212, 0.3725,
0.3139


 23.2213, 0.4005,
0.3092


 34.0065, 0.3495,
0.3188


 19.2491, 0.4339,
0.3051


 40.9229, 0.3308,
0.3235


 16.1468, 0.4723,
0.3024


 48.9180, 0.3157,
0.3280

 13.8487, 0.5139,
0.3018


 58.0354, 0.3035,
0.3322

 12.2796, 0.5551,
0.3042

 68.3162, 0.2936,
0.3360

 11.3499, 0.5909,
0.3098

 79.7994, 0.2855,
0.3394

 10.9387, 0.6128,
0.3149

 89.0863, 0.2784,
0.3370

 89.5627, 0.2747,
0.3289

Harmonies

Analogous

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



28.1212, 0.3337, 0.2848



28.1212, 0.3725, 0.3139



28.1212, 0.3946, 0.3478

Triad

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



28.1212, 0.3725, 0.3139



28.1212, 0.3300, 0.4027



28.1212, 0.2379, 0.2731

Complementary

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



28.1212, 0.3725, 0.3139



44.2118, 0.2742, 0.3450

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.



28.1212, 0.2372, 0.3013



28.1212, 0.3725, 0.3139



28.1212, 0.2886, 0.3801

Square

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



28.1212, 0.3725, 0.3139



28.1212, 0.3685, 0.4011



28.1212, 0.2551, 0.3411



28.1212, 0.2569, 0.2613

Rectangle

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



28.1212, 0.3725, 0.3139



28.1212, 0.3961, 0.3697



28.1212, 0.2551, 0.3411



28.1212, 0.2356, 0.2808

Sweetspot

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



28.1225, 0.3725, 0.3139



76.1528, 0.3274, 0.3245



28.5573, 0.3047, 0.2470



15.9650, 0.3296, 0.3239



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.



28.1225, 0.3725, 0.3139



43.7486, 0.3925, 0.3104



33.3479, 0.3775, 0.3559



9.5637, 0.3261, 0.3249



7.3656, 0.6101, 0.3134



0.2972, 0.5474, 0.2789

Inverse Universe

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



28.1225, 0.3725, 0.3139



43.7486, 0.3925, 0.3104



36.9013, 0.2637, 0.3003



9.5637, 0.3261, 0.3249



7.3656, 0.6101, 0.3134



0.2972, 0.5474, 0.2789

Previews

White Background



This preview shows how the Yxy color 28.1212, 0.3725, 0.3139 looks on a white background.

Color Contrast Check

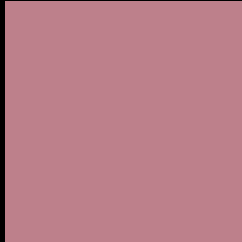
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1212, 0.3725, 0.3139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

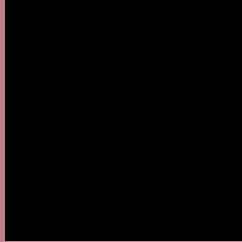
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.1212, 0.3725, 0.3139

Background



This preview shows how black text looks on a background with the Yxy color 28.1212, 0.3725, 0.3139.



This preview shows how white text looks on a background with the Yxy color 28.1212, 0.3725, 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

28.1212, 0.3725, 0.3139

Protanopia

28.2877, 0.3120, 0.3226

Deuteranopia

28.2437, 0.3402, 0.3337



Tritanopia

28.0921, 0.3737, 0.3153

Trichromacy



Original Color

28.1212, 0.3725, 0.3139

Protanomaly

27.9027, 0.3320, 0.3184

Deuteranomaly

28.2140, 0.3515, 0.3261

Tritanomaly

28.0921, 0.3737, 0.3153

Monochromacy



Original Color

28.1212, 0.3725, 0.3139

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.4512, 0.3327, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1212, 0.3725, 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(189, 128, 139)` looks like.

```
.text, #text, p{  
    color:rgb(189, 128, 139)  
}
```

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(189, 128, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 128, 139) }
```

Border

The CSS property to change the border of an element to Yxy 28.1212, 0.3725, 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(189, 128, 139) }
```

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

```
.border{ border-color:rgb(189, 128, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 128, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 128, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 128, 139);  
box-shadow:4px 4px 4px 4px rgb(189, 128,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1212, 0.3725, 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(189, 128, 139) }
```

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

```
.background{ background-color: rgb(189,  
128, 139) }
```

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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