

Converting Colors

$Y_{xy}(28.0695, 0.3788, 0.3225)$

Have a look what the booklet for
Yxy(28.0695, 0.3788, 0.3225)
contains.

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Color

Yxy(28.2128, 0.3793, 0.3236)

Conversions

Conversions Part 1

Format	Color
Hex	BD8185
RGB	189, 129, 133
RGB Percent	74%, 51%, 52%
CMY	0.2589, 0.4941, 0.4783
CMYK	0.00, 0.32, 0.30, 0.26
HSL	356°, 31%, 62%
HSV	356°, 32%, 74%
XYZ	33.0690, 28.2128, 25.9024
YIQ	147.3960, 34.4760, 13.9640

Conversions

Conversions Part 2

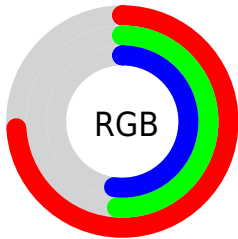
Format	Color
R _Y B	189, 129, 133
Decimal	12419461
CIE Lab	60.08, 23.73, 7.25
CIE LCh	60, 24.815, 16.985
Yxy	28.2128, 0.3793, 0.3236
Android (android.graphics.Color)	4290609541 (0xFFBD8185)
YUV	147.3960, -7.0972, 36.4867
Hunter-Lab	53.1157, 18.1786, 8.2676

Details

The Yxy color **28.2128, 0.3793, 0.3236** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.5584, 0.2704, 0.3347**, and the grayscale version is **29.3706, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.5939, 0.3650, 0.3248**, and **11.3004, 0.4025, 0.3197** is the 20% darker color. If you saturate the color by 10%, you get **23.2397, 0.4113, 0.3219**, and if you desaturate by 10%, it is **34.1912, 0.3532, 0.3254**.

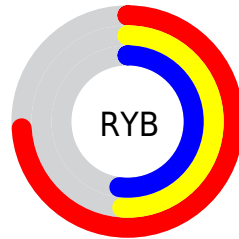
Distribution



Red (74%)

Green (51%)

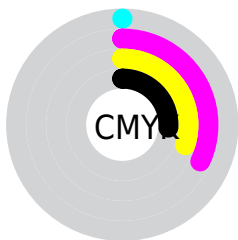
Blue (52%)



Red (74%)

Yellow (51%)

Blue (52%)

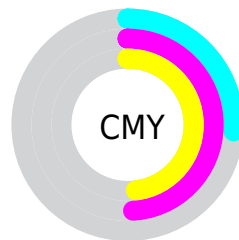


Cyan (0%)

Magenta (32%)

Yellow (30%)

Black (26%)



Cyan (26%)


Magenta (49%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2128, 0.3793, 0.3236 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 28.2128, 0.3793, 0.3236 by changing the saturation by 10% instead.


 28.2128, 0.3793,
0.3236

 28.2128, 0.3793,
0.3236


293.4824, 0.3429,
0.3272


 18.4861, 0.3895,
0.3223


 56.8240, 0.3653,
0.3252

 11.2996, 0.4034,
0.3204


 76.4773, 0.3603,
0.3257

 6.2687, 0.4232,
0.3174


 100.2083, 0.3561,
0.3261

 3.0092, 0.4539,
0.3119

128.4014, 0.3526,
0.3264

 1.1365, 0.5099,
0.3020

161.4410, 0.3497,
0.3266

 0.0089, 0.9851,
0.0149

199.7114, 0.3471,

 0.0000, 0.0000,

0.3268


0.0000


243.5970, 0.3449,
0.3270


 28.2128, 0.3793,
0.3236


 28.2128, 0.3793,
0.3236


 23.2397, 0.4113,
0.3219

 34.1912, 0.3532,
0.3254


 19.2128, 0.4494,
0.3206


 41.2216, 0.3322,
0.3271


 16.0735, 0.4929,
0.3198

 49.3526, 0.3153,
0.3287

 13.7545, 0.5389,
0.3200

 58.6286, 0.3017,
0.3302

 12.1792, 0.5819,
0.3215

 69.0917, 0.2908,
0.3316

■ 11.2566, 0.6153,
0.3242

■ 80.7816, 0.2819,
0.3328

■ 10.8452, 0.6332,
0.3262

■ 89.5570, 0.2747,
0.3289

Harmonies

Analogous

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



28.2128, 0.3450, 0.2932



28.2128, 0.3793, 0.3236



28.2128, 0.3945, 0.3569

Triad

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



28.2128, 0.3793, 0.3236



28.2128, 0.3179, 0.3967



28.2128, 0.2432, 0.2694

Complementary

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



28.2128, 0.3793, 0.3236



44.5584, 0.2704, 0.3347

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.



28.2128, 0.2373, 0.2927



28.2128, 0.3793, 0.3236



28.2128, 0.2786, 0.3689

Square

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



28.2128, 0.3793, 0.3236



28.2128, 0.3574, 0.4021



28.2128, 0.2497, 0.3291



28.2128, 0.2665, 0.2626

Rectangle

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



28.2128, 0.3793, 0.3236



28.2128, 0.3914, 0.3773



28.2128, 0.2497, 0.3291



28.2128, 0.2392, 0.2754

Sweetspot

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



28.2141, 0.3793, 0.3236



76.0028, 0.3293, 0.3274



29.5653, 0.3112, 0.2500



15.9289, 0.3319, 0.3271



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.



28.2141, 0.3793, 0.3236



44.2292, 0.4006, 0.3224



35.5133, 0.3735, 0.3634



9.5465, 0.3278, 0.3275



7.3025, 0.6316, 0.3253



0.2896, 0.6010, 0.3084

Inverse Universe

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



28.2141, 0.3793, 0.3236



44.2292, 0.4006, 0.3224



34.8907, 0.2635, 0.2917



9.5465, 0.3278, 0.3275



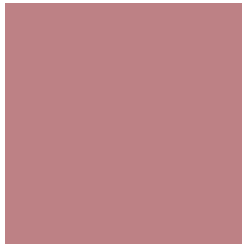
7.3025, 0.6316, 0.3253



0.2896, 0.6010, 0.3084

Previews

White Background



This preview shows how the Yxy color 28.2128, 0.3793, 0.3236 looks on a white background.

Color Contrast Check

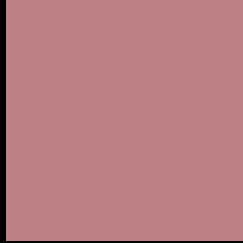
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2128, 0.3793, 0.3236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

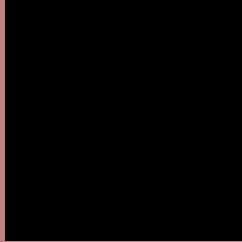
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.2128, 0.3793, 0.3236

Background



This preview shows how black text looks on a background with the Yxy color 28.2128, 0.3793, 0.3236.



This preview shows how white text looks on a background with the Yxy color 28.2128, 0.3793, 0.3236.

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

28.2128, 0.3793, 0.3236

Protanopia

28.5634, 0.3209, 0.3354

Deuteranopia

28.2874, 0.3490, 0.3429



Tritanopia

28.0921, 0.3737, 0.3153

Trichromacy



Original Color

28.2128, 0.3793, 0.3236

Protanomaly

28.1927, 0.3416, 0.3306

Deuteranomaly

28.1585, 0.3594, 0.3351

Tritanomaly

28.0347, 0.3761, 0.3181

Monochromacy



Original Color

28.2128, 0.3793, 0.3236

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.3905, 0.3349, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2128, 0.3793, 0.3236 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, 129, 133)` looks like.

```
.text, #text, p{  
    color:rgb(189, 129, 133)  
}
```

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, 129, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 129, 133) }
```

Border

The CSS property to change the border of an element to Yxy 28.2128, 0.3793, 0.3236 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, 129, 133) }
```

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

```
.border{ border-color:rgb(189, 129, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 129, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 129, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 129, 133);  
box-shadow:4px 4px 4px 4px rgb(189, 129,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2128, 0.3793, 0.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 129, 133) }
```

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

```
.background{ background-color: rgb(189,  
129, 133) }
```

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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