

Converting Colors

$Y_{xy}(28.8699, 0.3777, 0.3208)$

Have a look what the booklet for
Yxy(28.8699, 0.3777, 0.3208)
contains.

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Color

Yxy(28.8192, 0.3776, 0.3209)

Conversions

Conversions Part 1

Format	Color
Hex	BF8288
RGB	191, 130, 136
RGB Percent	75%, 51%, 53%
CMY	0.2510, 0.4902, 0.4666
CMYK	0.00, 0.32, 0.29, 0.25
HSL	354°, 32%, 63%
HSV	354°, 32%, 75%
XYZ	33.9113, 28.8192, 27.0769
YIQ	148.9230, 34.4300, 14.7980

Conversions

Conversions Part 2

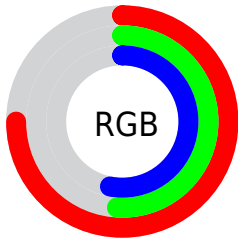
Format	Color
R_{YB}	191, 130, 136
Decimal	12550792
CIE _{Lab}	60.62, 24.36, 6.34
CIE _{LCh}	61, 25.172, 14.580
Yxy	28.8192, 0.3776, 0.3209
Android (android.graphics.Color)	4290740872 (0xFFBF8288)
YUV	148.9230, -6.3710, 36.9015
Hunter-Lab	53.6835, 18.8103, 7.6737

Details

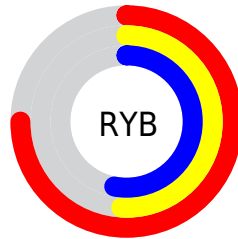
The Yxy color **28.8192, 0.3776, 0.3209** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.5039, 0.2714, 0.3375**, and the grayscale version is **30.0385, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.6808, 0.3648, 0.3228**, and **11.6434, 0.4014, 0.3179** is the 20% darker color. If you saturate the color by 10%, you get **23.7513, 0.4085, 0.3184**, and if you desaturate by 10%, it is **34.9114, 0.3523, 0.3235**.

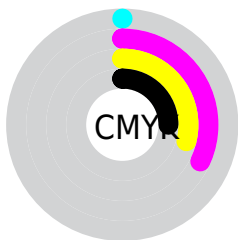
Distribution



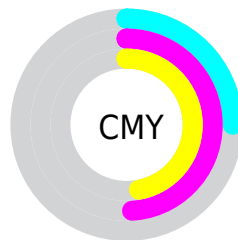
- Red (75%)
- Green (51%)
- Blue (53%)



- Red (75%)
- Yellow (51%)
- Blue (53%)



- Cyan (0%)
- Magenta (32%)
- Yellow (29%)
- Black (25%)





- Cyan (25%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.8192, 0.3776, 0.3209 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 28.8192, 0.3776, 0.3209 by changing the saturation by 10% instead.


 28.8192, 0.3776,
0.3209


 28.8192, 0.3776,
0.3209


296.3609, 0.3423,
0.3259


 18.9441, 0.3875,
0.3193


 57.7897, 0.3640,
0.3230

 11.6299, 0.4008,
0.3170


 77.6539, 0.3592,
0.3236

 6.4922, 0.4199,
0.3134


 101.6166, 0.3551,
0.3242

 3.1466, 0.4492,
0.3072

130.0621, 0.3518,
0.3246

 1.2087, 0.5001,
0.2953

163.3749, 0.3489,
0.3250

 0.0688, 0.9056,
0.0944


201.9394, 0.3464,


 0.0000, 0.0000,


0.3253


0.0000

246.1399, 0.3442,
0.3256

 28.8192, 0.3776,
0.3209


 28.8192, 0.3776,
0.3209


 23.7513, 0.4085,
0.3184


 34.9114, 0.3523,
0.3235


 19.6477, 0.4455,
0.3163


 42.0756, 0.3319,
0.3261

 16.4482, 0.4877,
0.3150

 50.3614, 0.3155,
0.3286

 14.0845, 0.5326,
0.3152

 59.8139, 0.3023,
0.3308

 12.4783, 0.5755,
0.3171

 70.4762, 0.2916,
0.3328

■ 11.5365, 0.6099,
0.3208

■ 82.3887, 0.2829,
0.3347

■ 11.1211, 0.6290,
0.3239

■ 89.8146, 0.2757,
0.3289

Harmonies

Analogous

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



28.8192, 0.3419, 0.2908



28.8192, 0.3776, 0.3209



28.8192, 0.3947, 0.3544

Triad

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



28.8192, 0.3776, 0.3209



28.8192, 0.3212, 0.3986



28.8192, 0.2416, 0.2703

Complementary

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



28.8192, 0.3776, 0.3209



45.5039, 0.2714, 0.3375

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.



28.8192, 0.2371, 0.2949



28.8192, 0.3776, 0.3209



28.8192, 0.2813, 0.3721

Square

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



28.8192, 0.3776, 0.3209



28.8192, 0.3605, 0.4020



28.8192, 0.2511, 0.3324



28.8192, 0.2637, 0.2621

Rectangle

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



28.8192, 0.3776, 0.3209



28.8192, 0.3929, 0.3753



28.8192, 0.2511, 0.3324



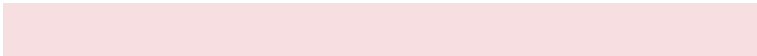
28.8192, 0.2381, 0.2767

Sweetspot

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



28.8206, 0.3776, 0.3209



77.8470, 0.3287, 0.3266



30.0291, 0.3101, 0.2492



16.6559, 0.3313, 0.3262



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



28.8206, 0.3776, 0.3209



45.3685, 0.3976, 0.3192



35.9301, 0.3745, 0.3623



9.5513, 0.3273, 0.3268



7.3155, 0.6270, 0.3228



0.2918, 0.5846, 0.2994

Inverse Universe

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



28.8206, 0.3776, 0.3209



45.3685, 0.3976, 0.3192



35.9970, 0.2633, 0.2930



9.5513, 0.3273, 0.3268



7.3155, 0.6270, 0.3228



0.2918, 0.5846, 0.2994

Previews

White Background



This preview shows how the Yxy color 28.8192, 0.3776, 0.3209 looks on a white background.

Color Contrast Check

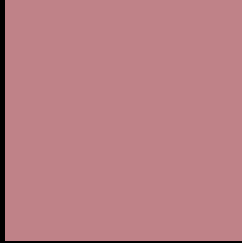
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8192, 0.3776, 0.3209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

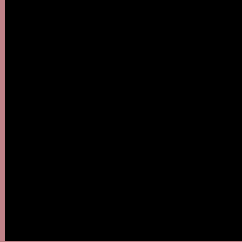
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.8192, 0.3776, 0.3209

Background



This preview shows how black text looks on a background with the Yxy color 28.8192, 0.3776, 0.3209.



This preview shows how white text looks on a background with the Yxy color 28.8192, 0.3776, 0.3209.

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

28.8192, 0.3776, 0.3209

Protanopia

29.0861, 0.3179, 0.3306

Deuteranopia

28.7703, 0.3466, 0.3398



Tritanopia

28.6410, 0.3744, 0.3154

Trichromacy



Original Color

28.8192, 0.3776, 0.3209

Protanomaly

28.7085, 0.3382, 0.3261

Deuteranomaly

28.6393, 0.3568, 0.3321

Tritanomaly

28.6119, 0.3756, 0.3168

Monochromacy



Original Color

28.8192, 0.3776, 0.3209

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.2521, 0.3346, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.8192, 0.3776, 0.3209 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(191, 130, 136)` looks like.

```
.text, #text, p{  
    color:rgb(191, 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(191, 130, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 130, 136) }
```

Border

The CSS property to change the border of an element to Yxy 28.8192, 0.3776, 0.3209 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(191, 130, 136) }
```

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

```
.border{ border-color:rgb(191, 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(191, 130, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 130, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 130, 136); box-shadow:4px 4px 4px 4px rgb(191, 130, 136) }
```


Background

The CSS property to change the background color of an element to Yxy 28.8192, 0.3776, 0.3209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 130, 136) }
```

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

```
.background{ background-color: rgb(191,  
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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