

Converting Colors

$Y_{xy}(27.5889, 0.3690, 0.3150)$

Have a look what the booklet for
Yxy(27.5889, 0.3690, 0.3150)
contains.

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Color

Yxy(27.5876, 0.3690, 0.3150)

Conversions

Conversions Part 1

Format	Color
Hex	B9808A
RGB	185, 128, 138
RGB Percent	73%, 50%, 54%
CMY	0.2745, 0.4980, 0.4587
CMYK	0.00, 0.31, 0.25, 0.27
HSL	349°, 29%, 61%
HSV	349°, 31%, 73%
XYZ	32.3169, 27.5876, 27.6752
YIQ	146.1830, 30.7620, 15.1940

Conversions

Conversions Part 2

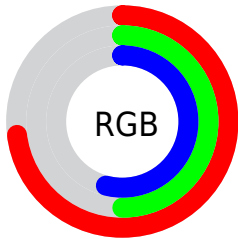
Format	Color
R _Y B	185, 128, 138
Decimal	12157066
CIE Lab	59.51, 23.49, 3.51
CIE LCh	60, 23.748, 8.494
Yxy	27.5876, 0.3690, 0.3150
Android (android.graphics.Color)	4290347146 (0xFFB9808A)
YUV	146.1830, -4.0342, 34.0425
Hunter-Lab	52.5239, 17.9106, 5.5264

Details

The Yxy color **27.5876, 0.3690, 0.3150** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.3848, 0.2756, 0.3437**, and the grayscale version is **28.8322, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.6866, 0.3575, 0.3183**, and **10.9787, 0.3906, 0.3097** is the 20% darker color. If you saturate the color by 10%, you get **22.7835, 0.3963, 0.3104**, and if you desaturate by 10%, it is **33.3362, 0.3466, 0.3197**.

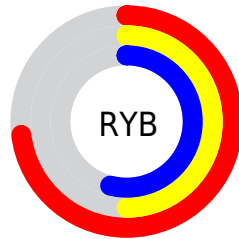
Distribution



Red (73%)

Green (50%)

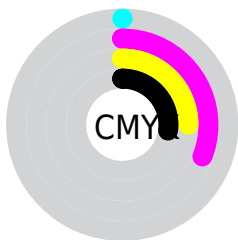
Blue (54%)



Red (73%)

Yellow (50%)

Blue (54%)

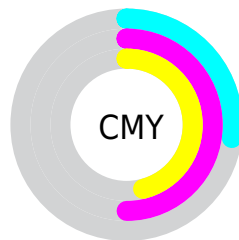


Cyan (0%)

Magenta (31%)

Yellow (25%)

Black (27%)



Cyan (27%)


Magenta (50%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.5876, 0.3690, 0.3150 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 27.5876, 0.3690, 0.3150 by changing the saturation by 10% instead.


 27.5876, 0.3690,
0.3150


 27.5876, 0.3690,
0.3150


290.4910, 0.3383,
0.3229


 18.0150, 0.3777,
0.3127


 55.8253, 0.3571,
0.3181

 10.9608, 0.3894,
0.3094


 75.2593, 0.3529,
0.3192

 6.0405, 0.4064,
0.3045


 98.7492, 0.3494,
0.3201

 2.8697, 0.4327,
0.2967

126.6794, 0.3465,
0.3209

 1.0641, 0.4791,
0.2820

159.4342, 0.3440,
0.3215

 0.0000, 1.0000,
0.0000

197.3982, 0.3418,

 0.0000, 0.0000,

0.3221

0.0000

240.9557, 0.3399,
0.3225

■ 27.5876, 0.3690,
0.3150

■ 27.5876, 0.3690,
0.3150

■ 22.7835, 0.3963,
0.3104

■ 33.3362, 0.3466,
0.3197

■ 18.8696, 0.4290,
0.3063

■ 40.0721, 0.3285,
0.3243

■ 15.7921, 0.4669,
0.3034


■ 47.8401, 0.3138,
0.3287

■ 13.4895, 0.5083,
0.3025


■ 56.6812, 0.3019,
0.3327

■ 11.8921, 0.5500,
0.3044

■ 66.6342, 0.2922,
0.3363

 10.9175, 0.5870,
0.3094

 77.7357, 0.2844,
0.3396

 10.4225, 0.6136,
0.3154

 88.4129, 0.2777,
0.3400

 89.0553, 0.2726,
0.3289

Harmonies

Analogous

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



27.5876, 0.3326, 0.2874



27.5876, 0.3690, 0.3150



27.5876, 0.3897, 0.3471

Triad

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



27.5876, 0.3690, 0.3150



27.5876, 0.3290, 0.3980



27.5876, 0.2421, 0.2763

Complementary

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



27.5876, 0.3690, 0.3150



42.3848, 0.2756, 0.3437

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.



27.5876, 0.2414, 0.3030



27.5876, 0.3690, 0.3150



27.5876, 0.2900, 0.3767

Square

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



27.5876, 0.3690, 0.3150



27.5876, 0.3652, 0.3969



27.5876, 0.2584, 0.3403



27.5876, 0.2602, 0.2651

Rectangle

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



27.5876, 0.3690, 0.3150



27.5876, 0.3911, 0.3678



27.5876, 0.2584, 0.3403



27.5876, 0.2399, 0.2836

Sweetspot

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



27.5889, 0.3690, 0.3150



73.9512, 0.3258, 0.3251



28.0038, 0.3052, 0.2510



15.5321, 0.3281, 0.3244



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



27.5889, 0.3690, 0.3150



43.3851, 0.3870, 0.3118



32.4474, 0.3736, 0.3545



9.0373, 0.3261, 0.3250



7.1039, 0.6109, 0.3139



0.2584, 0.5452, 0.2777

Inverse Universe

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



27.5889, 0.3690, 0.3150



43.3851, 0.3870, 0.3118



35.7131, 0.2660, 0.3018



9.0373, 0.3261, 0.3250



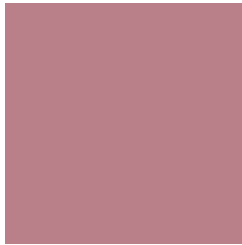
7.1039, 0.6109, 0.3139



0.2584, 0.5452, 0.2777

Previews

White Background



This preview shows how the Yxy color 27.5876, 0.3690, 0.3150 looks on a white background.

Color Contrast Check

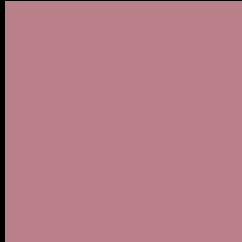
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5876, 0.3690, 0.3150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

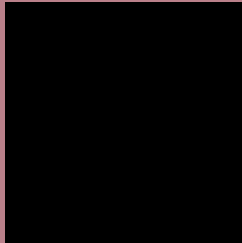
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.5876, 0.3690, 0.3150

Background



This preview shows how black text looks on a background with the Yxy color 27.5876, 0.3690, 0.3150.



This preview shows how white text looks on a background with the Yxy color 27.5876, 0.3690, 0.3150.

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

27.5876, 0.3690, 0.3150

Protanopia

27.7400, 0.3119, 0.3242

Deuteranopia

27.7164, 0.3392, 0.3337



Tritanopia

27.5876, 0.3690, 0.3150

Trichromacy



Original Color

27.5876, 0.3690, 0.3150

Protanomaly

27.6337, 0.3319, 0.3213

Deuteranomaly

27.5691, 0.3494, 0.3261

Tritanomaly

27.5876, 0.3690, 0.3150

Monochromacy



Original Color

27.5876, 0.3690, 0.3150

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.9220, 0.3318, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5876, 0.3690, 0.3150 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(185, 128, 138)` looks like.

```
.text, #text, p{  
    color:rgb(185, 128, 138)  
}
```

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(185, 128, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 128, 138) }
```

Border

The CSS property to change the border of an element to Yxy 27.5876, 0.3690, 0.3150 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(185, 128, 138) }
```

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

```
.border{ border-color:rgb(185, 128, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 128, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 128, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 128, 138);  
box-shadow:4px 4px 4px 4px rgb(185, 128,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 27.5876, 0.3690, 0.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 128, 138) }
```

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

```
.background{ background-color: rgb(185,  
128, 138) }
```

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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