

Converting Colors

$Y_{xy}(28.3968, 0.3901, 0.3346)$

Have a look what the booklet for
Yxy(28.3968, 0.3901, 0.3346)
contains.

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Color

Yxy(28.5480, 0.3897, 0.3348)

Conversions

Conversions Part 1

Format	Color
Hex	BF827E
RGB	191, 130, 126
RGB Percent	75%, 51%, 49%
CMY	0.2511, 0.4901, 0.5059
CMYK	0.00, 0.32, 0.34, 0.25
HSL	4°, 34%, 62%
HSV	4°, 34%, 75%
XYZ	33.2293, 28.5480, 23.4916
YIQ	147.7830, 37.6400, 11.6880

Conversions

Conversions Part 2

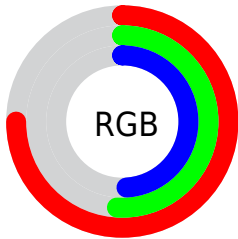
Format	Color
R_{YB}	191, 130, 126
Decimal	12550782
CIE _{Lab}	60.38, 23.01, 11.74
CIE _{LCh}	60, 25.828, 27.029
Yxy	28.5480, 0.3897, 0.3348
Android (android.graphics.Color)	4290740862 (0xFFBF827E)
YUV	147.7830, -10.7390, 37.9013
Hunter-Lab	53.4303, 17.5092, 11.3334

Details

The Yxy color $28.5480, 0.3897, 0.3348$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $43.7114, 0.2643, 0.3231$, and the grayscale version is $29.5533, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.2614, 0.3735, 0.3335$, and $11.5074, 0.4180, 0.3350$ is the 20% darker color. If you saturate the color by 10%, you get $23.7442, 0.4242, 0.3365$, and if you desaturate by 10%, it is $34.2781, 0.3612, 0.3330$.

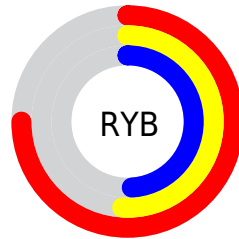
Distribution



Red (75%)

Green (51%)

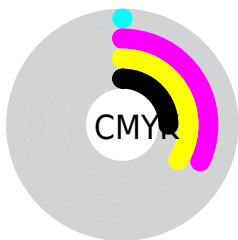
Blue (49%)



Red (75%)

Yellow (51%)

Blue (49%)

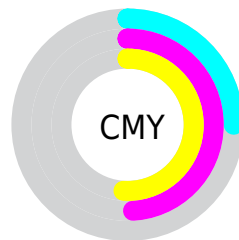


Cyan (0%)

Magenta (32%)

Yellow (34%)

Black (25%)



Cyan (25%)


Magenta (49%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.5480, 0.3897, 0.3348 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 28.5480, 0.3897, 0.3348 by changing the saturation by 10% instead.


 28.5480, 0.3897,
0.3348


 28.5480, 0.3897,
0.3348


295.0763, 0.3477,
0.3327


 18.7392, 0.4015,
0.3349


 57.3582, 0.3735,
0.3343

 11.4820, 0.4174,
0.3348


 77.1283, 0.3677,
0.3340

 6.3920, 0.4401,
0.3340


 100.9876, 0.3629,
0.3338

 3.0849, 0.4749,
0.3313

129.3206, 0.3589,
0.3335

 1.1762, 0.5473,
0.3313

162.5115, 0.3555,
0.3333

 0.0421, 0.9346,
0.0654

200.9448, 0.3525,


 0.0000, 0.0000,

0.3331


0.0000

245.0050, 0.3499,
0.3329


 28.5480, 0.3897,
0.3348


 28.5480, 0.3897,
0.3348


 23.7442, 0.4242,
0.3365

 34.2781, 0.3612,
0.3330


 19.8144, 0.4647,
0.3379


 40.9754, 0.3380,
0.3313

 16.7070, 0.5098,
0.3386

 48.6829, 0.3192,
0.3296

 14.3637, 0.5555,
0.3384

 57.4403, 0.3041,
0.3281

 12.7183, 0.5960,
0.3370

 67.2847, 0.2918,
0.3268

■ 11.6934, 0.6246,
0.3344

■ 78.2518, 0.2817,
0.3255

■ 11.3329, 0.6357,
0.3334

■ 89.8135, 0.2757,
0.3289

Harmonies

Analogous

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



28.5480, 0.3596, 0.3017



28.5480, 0.3897, 0.3348



28.5480, 0.3972, 0.3687

Triad

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



28.5480, 0.3897, 0.3348



28.5480, 0.3038, 0.3920



28.5480, 0.2470, 0.2631

Complementary

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



28.5480, 0.3897, 0.3348



43.7114, 0.2643, 0.3231

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.



28.5480, 0.2347, 0.2814



28.5480, 0.3897, 0.3348



28.5480, 0.2658, 0.3571

Square

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



28.5480, 0.3897, 0.3348



28.5480, 0.3459, 0.4058



28.5480, 0.2412, 0.3153



28.5480, 0.2763, 0.2617

Rectangle

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



28.5480, 0.3897, 0.3348



28.5480, 0.3885, 0.3879



28.5480, 0.2412, 0.3153



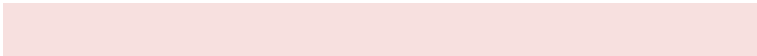
28.5480, 0.2409, 0.2673

Sweetspot

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



28.5494, 0.3897, 0.3348



78.5370, 0.3302, 0.3306



29.6100, 0.3199, 0.2494



16.8252, 0.3330, 0.3309



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.



28.5494, 0.3897, 0.3348



44.4430, 0.4154, 0.3361



38.3250, 0.3753, 0.3773



9.6289, 0.3287, 0.3305



7.4923, 0.6347, 0.3342



0.3264, 0.6150, 0.3499

Inverse Universe

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



43.7114, 0.2643, 0.3231



75.7851, 0.2552, 0.3216



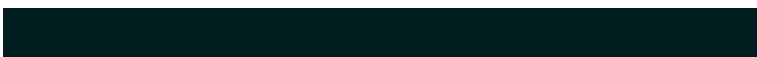
31.7145, 0.2581, 0.2750



10.7053, 0.2985, 0.3275



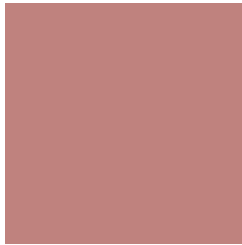
23.7416, 0.2194, 0.3098



0.9610, 0.2207, 0.3147

Previews

White Background



This preview shows how the Yxy color 28.5480, 0.3897, 0.3348 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 28.5480, 0.3897, 0.3348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

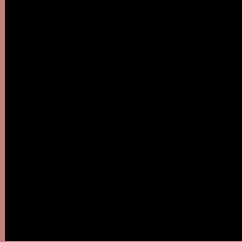
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.5480, 0.3897, 0.3348

Background



This preview shows how black text looks on a background with the Yxy color 28.5480, 0.3897, 0.3348.



This preview shows how white text looks on a background with the Yxy color 28.5480, 0.3897, 0.3348.

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

28.5480, 0.3897, 0.3348

Protanopia

28.5513, 0.3301, 0.3466

Deuteranopia

28.5362, 0.3612, 0.3534



Tritanopia

28.4798, 0.3771, 0.3155

Trichromacy



Original Color

28.5480, 0.3897, 0.3348

Protanomaly

28.5019, 0.3512, 0.3428

Deuteranomaly

28.3191, 0.3709, 0.3454

Tritanomaly

28.6282, 0.3816, 0.3223

Monochromacy



Original Color

28.5480, 0.3897, 0.3348

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.8357, 0.3390, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5480, 0.3897, 0.3348 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, 126)` looks like.

```
.text, #text, p{  
    color:rgb(191, 130, 126)  
}
```

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, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 130, 126) }
```

Border

The CSS property to change the border of an element to Yxy 28.5480, 0.3897, 0.3348 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, 126) }
```

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

```
.border{ border-color:rgb(191, 130, 126) }
```

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, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 130, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 130, 126); box-shadow:4px 4px 4px 4px rgb(191, 130, 126) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5480, 0.3897, 0.3348 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, 126) }
```

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

```
.background{ background-color: rgb(191,  
130, 126) }
```

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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