

Converting Colors

$Yxy(27.5987, 0.3903, 0.3312)$

Have a look what the booklet for
Yxy(27.5987, 0.3903, 0.3312)
contains.

Yxy(27.6323, 0.3899, 0.3306)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.6323, 0.3899, 0.3306)

Conversions

Conversions Part 1

Format	Color
Hex	BE7F7E
RGB	190, 127, 126
RGB Percent	75%, 50%, 49%
CMY	0.2550, 0.5019, 0.5058
CMYK	0.00, 0.33, 0.34, 0.25
HSL	1°, 33%, 62%
HSV	1°, 34%, 75%
XYZ	32.5887, 27.6323, 23.3612
YIQ	145.7230, 37.8690, 13.0450

Conversions

Conversions Part 2

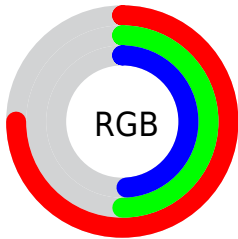
Format	Color
R_{YB}	190, 127, 126
Decimal	12484478
CIE _{Lab}	59.56, 24.29, 10.54
CIE _{LCh}	60, 26.474, 23.451
Yxy	27.6323, 0.3899, 0.3306
Android (android.graphics.Color)	4290674558 (0xFFBE7F7E)
YUV	145.7230, -9.7234, 38.8309
Hunter-Lab	52.5664, 18.6704, 10.4472

Details

The Yxy color **27.6323, 0.3899, 0.3306** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **44.5473, 0.2653, 0.3274**, and the grayscale version is **28.6554, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.8536, 0.3735, 0.3303**, and **10.9945, 0.4189, 0.3293** is the 20% darker color. If you saturate the color by 10%, you get **22.7971, 0.4253, 0.3311**, and if you desaturate by 10%, it is **33.4602, 0.3609, 0.3301**.

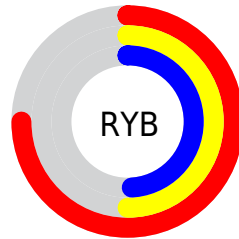
Distribution



Red (75%)

Green (50%)

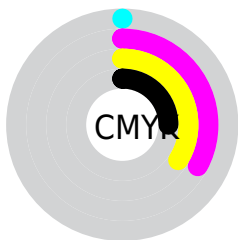
Blue (49%)



Red (75%)

Yellow (50%)

Blue (49%)

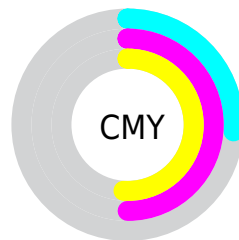


Cyan (0%)

Magenta (33%)

Yellow (34%)

Black (25%)



Cyan (26%)


Magenta (50%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.6323, 0.3899, 0.3306 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 27.6323, 0.3899, 0.3306 by changing the saturation by 10% instead.


 27.6323, 0.3899,
0.3306


 27.6323, 0.3899,
0.3306


290.7057, 0.3476,
0.3307


 18.0487, 0.4018,
0.3301


 55.8969, 0.3735,
0.3309

 10.9849, 0.4181,
0.3292


 75.3466, 0.3677,
0.3310

 6.0567, 0.4414,
0.3273

 98.8538, 0.3629,
0.3310

 2.8796, 0.4773,
0.3230

126.8028, 0.3588,
0.3309

 1.0692, 0.5545,
0.3209

159.5781, 0.3554,
0.3309

 0.0000, 1.0000,
0.0000

197.5641, 0.3524,

 0.0000, 0.0000,

0.3308

0.0000

241.1452, 0.3498,
0.3308

■ 27.6323, 0.3899,
0.3306

■ 27.6323, 0.3899,
0.3306

■ 22.7971, 0.4253,
0.3311

■ 33.4602, 0.3609,
0.3301

■ 18.8955, 0.4670,
0.3315

■ 40.3275, 0.3374,
0.3296

■ 15.8687, 0.5134,
0.3318

■ 48.2829, 0.3186,
0.3292

■ 13.6490, 0.5602,
0.3318

■ 57.3708, 0.3036,
0.3287

■ 12.1593, 0.6008,
0.3315

■ 67.6329, 0.2914,
0.3284

■ 11.3074, 0.6281,
0.3309

■ 79.1092, 0.2816,
0.3281

■ 11.0091, 0.6390,
0.3308

■ 89.6852, 0.2752,
0.3289

Harmonies

Analogous

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



27.6323, 0.3564, 0.2971



27.6323, 0.3899, 0.3306



27.6323, 0.4007, 0.3659

Triad

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



27.6323, 0.3899, 0.3306



27.6323, 0.3085, 0.3975



27.6323, 0.2423, 0.2621

Complementary

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



27.6323, 0.3899, 0.3306



44.5473, 0.2653, 0.3274

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.



27.6323, 0.2318, 0.2831



27.6323, 0.3899, 0.3306



27.6323, 0.2682, 0.3632

Square

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



27.6323, 0.3899, 0.3306



27.6323, 0.3519, 0.4086



27.6323, 0.2408, 0.3197



27.6323, 0.2706, 0.2588

Rectangle

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



27.6323, 0.3899, 0.3306



27.6323, 0.3936, 0.3866



27.6323, 0.2408, 0.3197



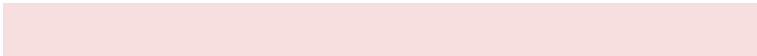
27.6323, 0.2367, 0.2672

Sweetspot

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



27.6336, 0.3899, 0.3306



77.9190, 0.3304, 0.3294



29.5893, 0.3166, 0.2466



16.6735, 0.3332, 0.3295



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.



27.6336, 0.3899, 0.3306



43.7830, 0.4139, 0.3310



36.9068, 0.3759, 0.3726



9.5594, 0.3288, 0.3294



7.3324, 0.6387, 0.3311



0.2954, 0.6335, 0.3352

Inverse Universe

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



44.5473, 0.2653, 0.3274



78.8724, 0.2572, 0.3271



32.6089, 0.2594, 0.2808



10.7835, 0.2985, 0.3286



26.1326, 0.2234, 0.3241



1.0318, 0.2237, 0.3253

Previews

White Background



This preview shows how the Yxy color 27.6323, 0.3899, 0.3306 looks on a white background.

Color Contrast Check

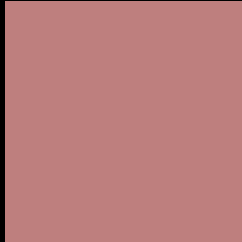
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6323, 0.3899, 0.3306 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 27.6323, 0.3899, 0.3306

Background



This preview shows how black text looks on a background with the Yxy color 27.6323, 0.3899, 0.3306.



This preview shows how white text looks on a background with the Yxy color 27.6323, 0.3899, 0.3306.

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

27.6323, 0.3899, 0.3306

Protanopia

27.7838, 0.3272, 0.3419

Deuteranopia

27.6315, 0.3585, 0.3507



Tritanopia

27.7473, 0.3804, 0.3168

Trichromacy



Original Color

27.6323, 0.3899, 0.3306

Protanomaly

27.4498, 0.3487, 0.3368

Deuteranomaly

27.5295, 0.3694, 0.3426

Tritanomaly

27.6640, 0.3841, 0.3209

Monochromacy



Original Color

27.6323, 0.3899, 0.3306

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.0107, 0.3383, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.6323, 0.3899, 0.3306 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(190, 127, 126)` looks like.

```
.text, #text, p{  
    color:rgb(190, 127, 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(190, 127, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 127, 126) }
```

Border

The CSS property to change the border of an element to Yxy 27.6323, 0.3899, 0.3306 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(190, 127, 126) }
```

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

```
.border{ border-color:rgb(190, 127, 126) }
```

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

Here you see how a box with a 4 pixel rgb(190, 127, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 127, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 127, 126);  
box-shadow:4px 4px 4px 4px rgb(190, 127,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 27.6323, 0.3899, 0.3306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 127, 126) }
```

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

```
.background{ background-color: rgb(190,  
127, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor