

Converting Colors

$Y_{xy}(26.6938, 0.3912, 0.3217)$

Have a look what the booklet for
Yxy(26.6938, 0.3912, 0.3217)
contains.

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Color

Yxy(26.5539, 0.3909, 0.3209)

Conversions

Conversions Part 1

Format	Color
Hex	BF7A80
RGB	191, 122, 128
RGB Percent	75%, 48%, 50%
CMY	0.2509, 0.5216, 0.4980
CMYK	0.00, 0.36, 0.33, 0.25
HSL	355°, 35%, 61%
HSV	355°, 36%, 75%
XYZ	32.3463, 26.5539, 23.8480
YIQ	143.3150, 39.1980, 16.4940

Conversions

Conversions Part 2

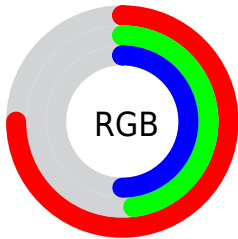
Format	Color
RYB	191, 122, 128
Decimal	12548736
CIELab	58.56, 27.71, 7.99
CIELCh	59, 28.840, 16.090
Yxy	26.5539, 0.3909, 0.3209
Android (android.graphics.Color)	4290738816 (0xFFBF7A80)
YUV	143.3150, -7.5503, 41.8197
Hunter-Lab	51.5305, 21.8682, 8.6322

Details

The Yxy color **26.5539, 0.3909, 0.3209** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **44.9102, 0.2662, 0.3376**, and the grayscale version is **27.6206, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.1359, 0.3740, 0.3228**, and **10.4335, 0.4207, 0.3162** is the 20% darker color. If you saturate the color by 10%, you get **21.8962, 0.4248, 0.3188**, and if you desaturate by 10%, it is **32.2150, 0.3629, 0.3232**.

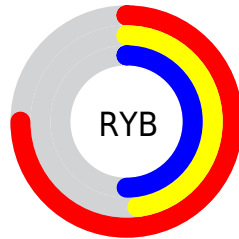
Distribution



Red (75%)

Green (48%)

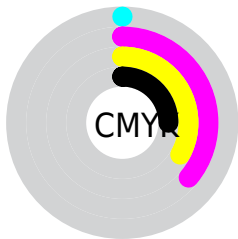
Blue (50%)



Red (75%)

Yellow (48%)

Blue (50%)

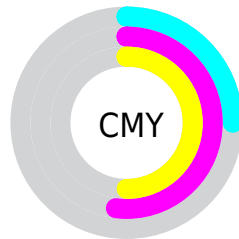


Cyan (0%)

Magenta (36%)

Yellow (33%)

Black (25%)



Cyan (25%)


Magenta (52%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5539, 0.3909, 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 26.5539, 0.3909, 0.3209 by changing the saturation by 10% instead.


 26.5539, 0.3909,
0.3209


 26.5539, 0.3909,
0.3209


285.4906, 0.3478,
0.3262


 17.2385, 0.4032,
0.3190


 54.1672, 0.3742,
0.3232

 10.4047, 0.4199,
0.3163


 73.2338, 0.3682,
0.3239

 5.6681, 0.4440,
0.3118

 96.3197, 0.3633,
0.3245

 2.6443, 0.4816,
0.3037

123.8091, 0.3592,
0.3250

 0.9490, 0.5603,
0.2935

156.0865, 0.3557,
0.3254

 0.0000, 1.0000,
0.0000

193.5363, 0.3527,

 0.0000, 0.0000,

0.3257

0.0000

236.5429, 0.3501,
0.3260

■ 26.5539, 0.3909,
0.3209

■ 26.5539, 0.3909,
0.3209

■ 21.8962, 0.4248,
0.3188

■ 32.2150, 0.3629,
0.3232

■ 18.1798, 0.4647,
0.3173

■ 38.9291, 0.3403,
0.3255

■ 15.3415, 0.5090,
0.3167


■ 46.7475, 0.3221,
0.3277

■ 13.3090, 0.5540,
0.3175


■ 55.7166, 0.3074,
0.3298


■ 11.9983, 0.5939,
0.3200


■ 65.8804, 0.2956,
0.3316

 11.3027, 0.6226,
0.3239

 77.2806, 0.2861,
0.3334

 11.1185, 0.6307,
0.3248

 89.5050, 0.2782,
0.3341

 89.8190, 0.2757,
0.3289

Harmonies

Analogous

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



26.5539, 0.3493, 0.2861



26.5539, 0.3909, 0.3209



26.5539, 0.4097, 0.3596

Triad

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



26.5539, 0.3909, 0.3209



26.5539, 0.3196, 0.4110



26.5539, 0.2308, 0.2593

Complementary

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



26.5539, 0.3909, 0.3209



44.9102, 0.2662, 0.3376

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.



26.5539, 0.2246, 0.2865



26.5539, 0.3909, 0.3209



26.5539, 0.2734, 0.3781

Square

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



26.5539, 0.3909, 0.3209



26.5539, 0.3662, 0.4155



26.5539, 0.2393, 0.3300



26.5539, 0.2572, 0.2513

Rectangle

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



26.5539, 0.3909, 0.3209



26.5539, 0.4062, 0.3839



26.5539, 0.2393, 0.3300



26.5539, 0.2264, 0.2662

Sweetspot

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



26.5552, 0.3909, 0.3209



76.4002, 0.3308, 0.3266



27.8846, 0.3095, 0.2387



16.3595, 0.3333, 0.3263



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.



26.5552, 0.3909, 0.3209



41.0953, 0.4159, 0.3193



34.1704, 0.3849, 0.3669



9.5495, 0.3275, 0.3270



7.3104, 0.6288, 0.3238



0.2910, 0.5904, 0.3026

Inverse Universe

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



26.5552, 0.3909, 0.3209



41.0953, 0.4159, 0.3193



34.2395, 0.2569, 0.2874



9.5495, 0.3275, 0.3270



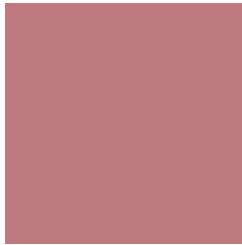
7.3104, 0.6288, 0.3238



0.2910, 0.5904, 0.3026

Previews

White Background



This preview shows how the Yxy color 26.5539, 0.3909, 0.3209 looks on a white background.

Color Contrast Check

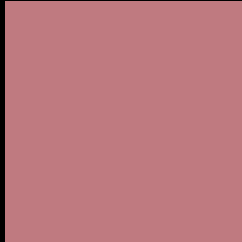
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5539, 0.3909, 0.3209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

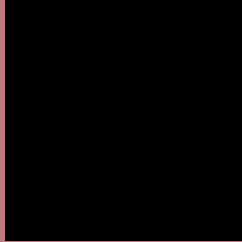
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5539, 0.3909, 0.3209

Background



This preview shows how black text looks on a background with the Yxy color 26.5539, 0.3909, 0.3209.



This preview shows how white text looks on a background with the Yxy color 26.5539, 0.3909, 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

26.5539, 0.3909, 0.3209

Protanopia

26.8140, 0.3190, 0.3339

Deuteranopia

26.6661, 0.3534, 0.3464



Tritanopia

26.6341, 0.3871, 0.3168

Trichromacy



Original Color

26.5539, 0.3909, 0.3209

Protanomaly

26.3485, 0.3438, 0.3291

Deuteranomaly

26.5096, 0.3670, 0.3367

Tritanomaly

26.6071, 0.3883, 0.3182

Monochromacy



Original Color

26.5539, 0.3909, 0.3209

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.6365, 0.3379, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5539, 0.3909, 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, 122, 128)` looks like.

```
.text, #text, p{  
  color:rgb(191, 122, 128)  
}
```

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, 122, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 122, 128) }
```

Border

The CSS property to change the border of an element to Yxy 26.5539, 0.3909, 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, 122, 128) }
```

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

```
.border{ border-color:rgb(191, 122, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 122, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 122, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 122, 128);  
box-shadow:4px 4px 4px 4px rgb(191, 122,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5539, 0.3909, 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, 122, 128) }
```

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

```
.background{ background-color: rgb(191,  
122, 128) }
```

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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