

Converting Colors

$Y_{xy}(27.7973, 0.3790, 0.3209)$

Have a look what the booklet for
Yxy(27.7973, 0.3790, 0.3209)
contains.

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Color

Yxy(27.9506, 0.3797, 0.3222)

Conversions

Conversions Part 1

Format	Color
Hex	BD8085
RGB	189, 128, 133
RGB Percent	74%, 50%, 52%
CMY	0.2589, 0.4980, 0.4783
CMYK	0.00, 0.32, 0.30, 0.26
HSL	355°, 32%, 62%
HSV	355°, 32%, 74%
XYZ	32.9387, 27.9506, 25.8599
YIQ	146.8090, 34.7510, 14.4870

Conversions

Conversions Part 2

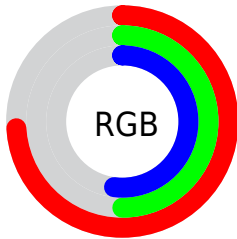
Format	Color
R _Y B	189, 128, 133
Decimal	12419205
CIE Lab	59.84, 24.29, 6.91
CIE LCh	60, 25.253, 15.878
Yxy	27.9506, 0.3797, 0.3222
Android (android.graphics.Color)	4290609285 (0xFFBD8085)
YUV	146.8090, -6.8078, 37.0015
Hunter-Lab	52.8683, 18.6917, 8.0068

Details

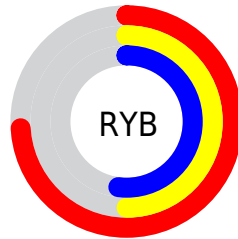
The Yxy color **27.9506, 0.3797, 0.3222** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.4396, 0.2704, 0.3361**, and the grayscale version is **29.1137, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.1857, 0.3653, 0.3238**, and **11.1572, 0.4032, 0.3178** is the 20% darker color. If you saturate the color by 10%, you get **23.0315, 0.4114, 0.3201**, and if you desaturate by 10%, it is **33.8697, 0.3538, 0.3244**.

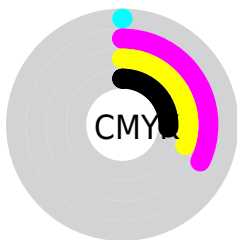
Distribution



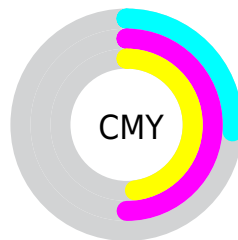
- Red (74%)
- Green (50%)
- Blue (52%)



- Red (74%)
- Yellow (50%)
- Blue (52%)



- Cyan (0%)
- Magenta (32%)
- Yellow (30%)
- Black (26%)




- Cyan (26%)
- Magenta (50%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.9506, 0.3797, 0.3222 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 27.9506, 0.3797, 0.3222 by changing the saturation by 10% instead.


 27.9506, 0.3797,
0.3222


 27.9506, 0.3797,
0.3222


292.2308, 0.3431,
0.3265


 18.2884, 0.3900,
0.3207


 56.4056, 0.3656,
0.3240

 11.1573, 0.4040,
0.3186


 75.9671, 0.3605,
0.3246

 6.1727, 0.4241,
0.3151


 99.5973, 0.3563,
0.3251

 2.9504, 0.4552,
0.3090

127.6805, 0.3528,
0.3255

 1.1059, 0.5121,
0.2982

160.6010, 0.3499,
0.3258

 0.0000, 1.0000,
0.0000

198.7433, 0.3473,

 0.0000, 0.0000,

0.3261

0.0000

242.4918, 0.3451,
0.3263

■ 27.9506, 0.3797,
0.3222

■ 27.9506, 0.3797,
0.3222

■ 23.0315, 0.4114,
0.3201

■ 33.8697, 0.3538,
0.3244

■ 19.0535, 0.4492,
0.3184

■ 40.8355, 0.3329,
0.3265

■ 15.9576, 0.4923,
0.3175


■ 48.8968, 0.3160,
0.3286


■ 13.6766, 0.5377,
0.3177

■ 58.0978, 0.3025,
0.3304


■ 12.1336, 0.5804,
0.3195

■ 68.4805, 0.2916,
0.3321

 11.2369, 0.6139,
0.3228

 80.0848, 0.2827,
0.3337

 10.8536, 0.6312,
0.3251

 89.5205, 0.2750,
0.3295

 89.5574, 0.2747,
0.3289

Harmonies

Analogous

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



27.9506, 0.3441, 0.2915



27.9506, 0.3797, 0.3222



27.9506, 0.3961, 0.3561

Triad

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



27.9506, 0.3797, 0.3222



27.9506, 0.3195, 0.3989



27.9506, 0.2413, 0.2688

Complementary

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



27.9506, 0.3797, 0.3222



44.4396, 0.2704, 0.3361

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.



27.9506, 0.2360, 0.2930



27.9506, 0.3797, 0.3222



27.9506, 0.2793, 0.3711

Square

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



27.9506, 0.3797, 0.3222



27.9506, 0.3596, 0.4033



27.9506, 0.2493, 0.3306



27.9506, 0.2644, 0.2613

Rectangle

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



27.9506, 0.3797, 0.3222



27.9506, 0.3934, 0.3771



27.9506, 0.2493, 0.3306



27.9506, 0.2375, 0.2751

Sweetspot

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



27.9519, 0.3797, 0.3222



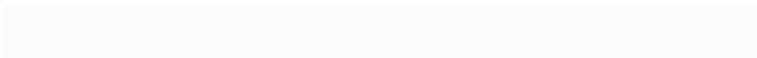
76.0231, 0.3290, 0.3270



29.2928, 0.3111, 0.2487



15.9338, 0.3316, 0.3267



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



27.9519, 0.3797, 0.3222



43.4163, 0.4024, 0.3207



35.2951, 0.3748, 0.3640



9.5488, 0.3276, 0.3271



7.3084, 0.6295, 0.3242



0.2907, 0.5929, 0.3040

Inverse Universe

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



27.9519, 0.3797, 0.3222



43.4163, 0.4024, 0.3207



34.6642, 0.2626, 0.2910



9.5488, 0.3276, 0.3271



7.3084, 0.6295, 0.3242



0.2907, 0.5929, 0.3040

Previews

White Background



This preview shows how the Yxy color 27.9506, 0.3797, 0.3222 looks on a white background.

Color Contrast Check

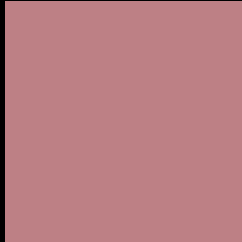
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9506, 0.3797, 0.3222 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 27.9506, 0.3797, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 27.9506, 0.3797, 0.3222.



This preview shows how white text looks on a background with the Yxy color 27.9506, 0.3797, 0.3222.

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

27.9506, 0.3797, 0.3222

Protanopia

28.1954, 0.3189, 0.3322

Deuteranopia

27.8905, 0.3481, 0.3415



Tritanopia

27.8037, 0.3752, 0.3153

Trichromacy



Original Color

27.9506, 0.3797, 0.3222

Protanomaly

27.8276, 0.3396, 0.3275

Deuteranomaly

27.7645, 0.3586, 0.3336

Tritanomaly

27.7751, 0.3765, 0.3167

Monochromacy



Original Color

27.9506, 0.3797, 0.3222

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.3905, 0.3349, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9506, 0.3797, 0.3222 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(189, 128, 133)` looks like.

```
.text, #text, p{  
    color:rgb(189, 128, 133)  
}
```

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(189, 128, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 128, 133) }
```

Border

The CSS property to change the border of an element to Yxy 27.9506, 0.3797, 0.3222 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(189, 128, 133) }
```

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

```
.border{ border-color:rgb(189, 128, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 128, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 128, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 128, 133);  
box-shadow:4px 4px 4px 4px rgb(189, 128,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9506, 0.3797, 0.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 128, 133) }
```

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

```
.background{ background-color: rgb(189,  
128, 133) }
```

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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