

Converting Colors

$Y_{xy}(26.1996, 0.3895, 0.3219)$

Have a look what the booklet for
Yxy(26.1996, 0.3895, 0.3219)
contains.

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Color

Yxy(26.2702, 0.3898, 0.3222)

Conversions

Conversions Part 1

Format	Color
Hex	BD7A7F
RGB	189, 122, 127
RGB Percent	74%, 48%, 50%
CMY	0.2587, 0.5216, 0.5019
CMYK	0.00, 0.35, 0.33, 0.26
HSL	355°, 34%, 61%
HSV	355°, 35%, 74%
XYZ	31.7819, 26.2702, 23.4817
YIQ	142.6030, 38.3270, 15.7590

Conversions

Conversions Part 2

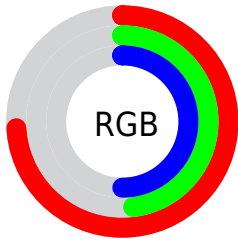
Format	Color
R_{YB}	189, 122, 127
Decimal	12417663
CIE _{Lab}	58.29, 26.82, 8.15
CIE _{LCh}	58, 28.029, 16.912
Yxy	26.2702, 0.3898, 0.3222
Android (android.graphics.Color)	4290607743 (0xFFBD7A7F)
YUV	142.6030, -7.6923, 40.6902
Hunter-Lab	51.2545, 20.9890, 8.7150

Details

The Yxy color **26.2702, 0.3898, 0.3222** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **44.0022, 0.2665, 0.3362**, and the grayscale version is **27.3227, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.7294, 0.3732, 0.3238**, and **10.2531, 0.4193, 0.3179** is the 20% darker color. If you saturate the color by 10%, you get **21.6557, 0.4238, 0.3204**, and if you desaturate by 10%, it is **31.8691, 0.3619, 0.3242**.

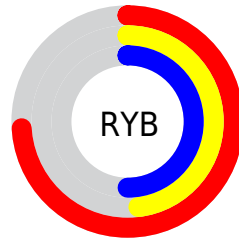
Distribution



Red (74%)

Green (48%)

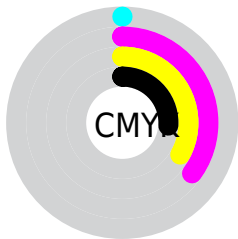
Blue (50%)



Red (74%)

Yellow (48%)

Blue (50%)

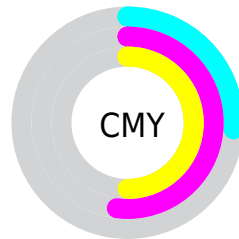


Cyan (0%)

Magenta (35%)

Yellow (33%)

Black (26%)



Cyan (26%)


Magenta (52%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2702, 0.3898, 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 26.2702, 0.3898, 0.3222 by changing the saturation by 10% instead.


 26.2702, 0.3898,
0.3222


 26.2702, 0.3898,
0.3222


284.1060, 0.3472,
0.3268


 17.0259, 0.4019,
0.3205


 53.7105, 0.3733,
0.3242

 10.2530, 0.4185,
0.3180


 72.6753, 0.3674,
0.3249

 5.5670, 0.4425,
0.3139


 95.6491, 0.3625,
0.3254

 2.5836, 0.4800,
0.3063

123.0162, 0.3585,
0.3258

 0.9184, 0.5621,
0.2984

155.1610, 0.3550,
0.3261

 0.0000, 1.0000,
0.0000

192.4680, 0.3521,

 0.0000, 0.0000,

0.3264

0.0000

235.3215, 0.3495,
0.3266

 26.2702, 0.3898,
0.3222


 26.2702, 0.3898,
0.3222


 21.6557, 0.4238,
0.3204


 31.8691, 0.3619,
0.3242

 17.9650, 0.4637,
0.3191

 38.5007, 0.3393,
0.3261

 15.1372, 0.5083,
0.3185

 46.2147, 0.3211,
0.3280


 13.1020, 0.5537,
0.3192


 55.0565, 0.3065,
0.3298

 11.7783, 0.5941,
0.3214


 65.0688, 0.2947,
0.3314

 11.0663, 0.6230,
0.3247

 76.2921, 0.2852,
0.3328

 10.8540, 0.6322,
0.3256

 88.7652, 0.2774,
0.3341

 89.5617, 0.2747,
0.3289

Harmonies

Analogous

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



26.2702, 0.3497, 0.2879



26.2702, 0.3898, 0.3222



26.2702, 0.4074, 0.3601

Triad

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



26.2702, 0.3898, 0.3222



26.2702, 0.3183, 0.4082



26.2702, 0.2331, 0.2605

Complementary

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



26.2702, 0.3898, 0.3222



44.0022, 0.2665, 0.3362

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.



26.2702, 0.2264, 0.2866



26.2702, 0.3898, 0.3222



26.2702, 0.2733, 0.3756

Square

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



26.2702, 0.3898, 0.3222



26.2702, 0.3638, 0.4136



26.2702, 0.2404, 0.3288



26.2702, 0.2594, 0.2531

Rectangle

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



26.2702, 0.3898, 0.3222



26.2702, 0.4035, 0.3837



26.2702, 0.2404, 0.3288



26.2702, 0.2286, 0.2671

Sweetspot

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



26.2715, 0.3898, 0.3222



74.6146, 0.3310, 0.3270



27.7129, 0.3108, 0.2407



15.6517, 0.3335, 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.



26.2715, 0.3898, 0.3222



40.1177, 0.4173, 0.3207



34.0141, 0.3826, 0.3676



9.5477, 0.3277, 0.3273



7.3055, 0.6306, 0.3247



0.2902, 0.5967, 0.3061

Inverse Universe

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



26.2715, 0.3898, 0.3222



40.1177, 0.4173, 0.3207



33.3342, 0.2577, 0.2866



9.5477, 0.3277, 0.3273



7.3055, 0.6306, 0.3247



0.2902, 0.5967, 0.3061

Previews

White Background



This preview shows how the Yxy color 26.2702, 0.3898, 0.3222 looks on a white background.

Color Contrast Check

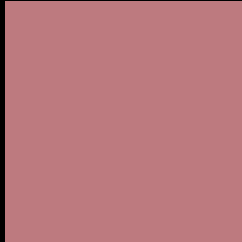
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2702, 0.3898, 0.3222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

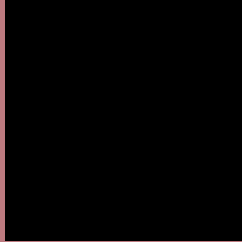
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2702, 0.3898, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 26.2702, 0.3898, 0.3222.



This preview shows how white text looks on a background with the Yxy color 26.2702, 0.3898, 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

26.2702, 0.3898, 0.3222

Protanopia

26.4916, 0.3201, 0.3339

Deuteranopia

26.2822, 0.3525, 0.3449



Tritanopia

26.1323, 0.3851, 0.3153

Trichromacy



Original Color

26.2702, 0.3898, 0.3222

Protanomaly

25.9421, 0.3440, 0.3291

Deuteranomaly

26.1295, 0.3662, 0.3352

Tritanomaly

26.1053, 0.3864, 0.3167

Monochromacy



Original Color

26.2702, 0.3898, 0.3222

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.6077, 0.3391, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2702, 0.3898, 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, 122, 127)` looks like.

```
.text, #text, p{  
    color:rgb(189, 122, 127)  
}
```

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, 122, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 122, 127) }
```

Border

The CSS property to change the border of an element to Yxy 26.2702, 0.3898, 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, 122, 127) }
```

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

```
.border{ border-color:rgb(189, 122, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 122, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 122, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 122, 127);  
box-shadow:4px 4px 4px 4px rgb(189, 122,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2702, 0.3898, 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, 122, 127) }
```

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

```
.background{ background-color: rgb(189,  
122, 127) }
```

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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