

Converting Colors

$Y_{xy}(26.8301, 0.3805, 0.3290)$

Have a look what the booklet for
Yxy(26.8301, 0.3805, 0.3290)
contains.

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Color

Yxy(26.7783, 0.3805, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	B77F7F
RGB	183, 127, 127
RGB Percent	72%, 50%, 50%
CMY	0.2823, 0.5020, 0.5020
CMYK	0.00, 0.31, 0.31, 0.28
HSL	0°, 28%, 61%
HSV	0°, 31%, 72%
XYZ	30.9512, 26.7783, 23.6140
YIQ	143.7440, 33.3760, 11.8720

Conversions

Conversions Part 2

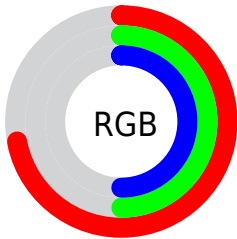
Format	Color
RYB	183, 127, 127
Decimal	12025727
CIELab	58.77, 21.71, 8.75
CIELCh	59, 23.411, 21.946
Yxy	26.7783, 0.3805, 0.3292
Android (android.graphics.Color)	4290215807 (0xFFB77F7F)
YUV	143.7440, -8.2548, 34.4275
Hunter-Lab	51.7478, 16.2054, 9.1676

Details

The Yxy color $26.7783, 0.3805, 0.3292$ is a dark color, and the websafe version is hex $CC9999$. A complement of this color would be $41.8043, 0.2693, 0.3289$, and the grayscale version is $27.8060, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.4631, 0.3656, 0.3292$, and $10.4470, 0.4051, 0.3273$ is the 20% darker color. If you saturate the color by 10%, you get $22.0395, 0.4141, 0.3293$, and if you desaturate by 10%, it is $32.4649, 0.3532, 0.3291$.

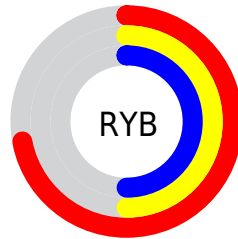
Distribution



Red (72%)

Green (50%)

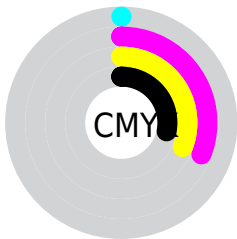
Blue (50%)



Red (72%)

Yellow (50%)

Blue (50%)

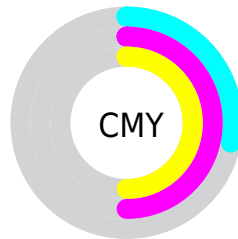


Cyan (0%)

Magenta (31%)

Yellow (31%)

Black (28%)



Cyan (28%)


Magenta (50%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7783, 0.3805, 0.3292 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 26.7783, 0.3805, 0.3292 by changing the saturation by 10% instead.


 26.7783, 0.3805,
0.3292

 26.7783, 0.3805,
0.3292


286.5821, 0.3432,
0.3299


 17.4068, 0.3911,
0.3287


 54.5279, 0.3660,
0.3297

 10.5249, 0.4056,
0.3278


 73.6748, 0.3609,
0.3298

 5.7484, 0.4266,
0.3260

 96.8489, 0.3566,
0.3298

 2.6927, 0.4594,
0.3221

124.4347, 0.3531,
0.3299

 0.9735, 0.5320,
0.3212

156.8165, 0.3500,
0.3299

 0.0000, 1.0000,
0.0000

194.3787, 0.3474,

 0.0000, 0.0000,


0.3299


0.0000


237.5058, 0.3452,
0.3299

 26.7783, 0.3805,
0.3292


 26.7783, 0.3805,
0.3292


 22.0395, 0.4141,
0.3293


 32.4649, 0.3532,
0.3291


 18.1934, 0.4542,
0.3294


 39.1429, 0.3312,
0.3291


 15.1854, 0.4998,
0.3296


 46.8576, 0.3137,
0.3290

 12.9529, 0.5473,
0.3297

 55.6507, 0.2996,
0.3290


 11.4249, 0.5906,
0.3298

 65.5613, 0.2883,
0.3289

 10.5173, 0.6223,
0.3299

 76.6267, 0.2791,
0.3289

 10.0695, 0.6401,
0.3300

 88.8094, 0.2716,
0.3289

Harmonies

Analogous

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



26.7783, 0.3500, 0.2990



26.7783, 0.3805, 0.3292



26.7783, 0.3914, 0.3611

Triad

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



26.7783, 0.3805, 0.3292



26.7783, 0.3113, 0.3908



26.7783, 0.2485, 0.2695

Complementary

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



26.7783, 0.3805, 0.3292



41.8043, 0.2693, 0.3289

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.



26.7783, 0.2398, 0.2895



26.7783, 0.3805, 0.3292



26.7783, 0.2745, 0.3613

Square

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



26.7783, 0.3805, 0.3292



26.7783, 0.3499, 0.3998



26.7783, 0.2490, 0.3229



26.7783, 0.2734, 0.2655

Rectangle

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



26.7783, 0.3805, 0.3292



26.7783, 0.3860, 0.3798



26.7783, 0.2490, 0.3229



26.7783, 0.2436, 0.2745

Sweetspot

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



26.7796, 0.3805, 0.3292



71.9913, 0.3284, 0.3290



28.6664, 0.3162, 0.2541



15.4830, 0.3312, 0.3291



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



26.7796, 0.3805, 0.3292



41.8375, 0.4033, 0.3293



35.0462, 0.3688, 0.3684



9.0123, 0.3288, 0.3290



7.0232, 0.6401, 0.3300



0.2476, 0.6401, 0.3300

Inverse Universe

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



41.8043, 0.2693, 0.3289



73.2041, 0.2610, 0.3288



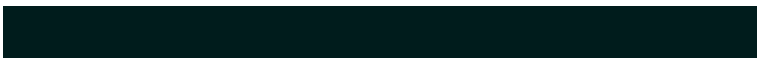
31.3759, 0.2645, 0.2859



10.2106, 0.2985, 0.3290



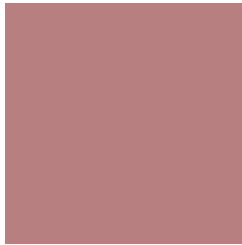
26.0091, 0.2247, 0.3287



0.9169, 0.2247, 0.3287

Previews

White Background



This preview shows how the Yxy color 26.7783, 0.3805, 0.3292 looks on a white background.

Color Contrast Check

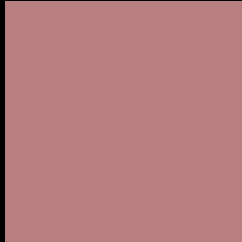
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7783, 0.3805, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

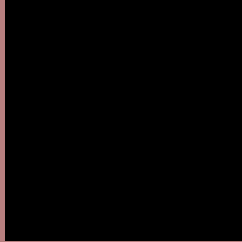
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7783, 0.3805, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 26.7783, 0.3805, 0.3292.



This preview shows how white text looks on a background with the Yxy color 26.7783, 0.3805, 0.3292.

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

26.7783, 0.3805, 0.3292

Protanopia

26.9100, 0.3242, 0.3388

Deuteranopia

26.9491, 0.3530, 0.3479



Tritanopia

26.8613, 0.3722, 0.3164

Trichromacy



Original Color

26.7783, 0.3805, 0.3292

Protanomaly

26.6452, 0.3432, 0.3354

Deuteranomaly

26.7164, 0.3627, 0.3398

Tritanomaly

26.7780, 0.3759, 0.3206

Monochromacy



Original Color

26.7783, 0.3805, 0.3292

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.2810, 0.3350, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7783, 0.3805, 0.3292 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(183, 127, 127)` looks like.

```
.text, #text, p{  
  color:rgb(183, 127, 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(183, 127, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 127, 127) }
```

Border

The CSS property to change the border of an element to Yxy 26.7783, 0.3805, 0.3292 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(183, 127, 127) }
```

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

```
.border{ border-color:rgb(183, 127, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 127, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 127, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 127, 127);  
box-shadow:4px 4px 4px 4px rgb(183, 127,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7783, 0.3805, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 127, 127) }
```

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

```
.background{ background-color: rgb(183,  
127, 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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