

Converting Colors

$Y_{xy}(27.8121, 0.3817, 0.3293)$

Have a look what the booklet for
Yxy(27.8121, 0.3817, 0.3293)
contains.

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Color

Yxy(27.8503, 0.3819, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	BB8181
RGB	187, 129, 129
RGB Percent	73%, 51%, 51%
CMY	0.2666, 0.4941, 0.4941
CMYK	0.00, 0.31, 0.31, 0.27
HSL	360°, 30%, 62%
HSV	360°, 31%, 73%
XYZ	32.3087, 27.8503, 24.4409
YIQ	146.3420, 34.5680, 12.2960

Conversions

Conversions Part 2

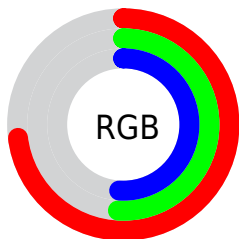
Format	Color
RYB	187, 129, 129
Decimal	12288385
CIELab	59.75, 22.43, 9.06
CIElCh	60, 24.189, 21.998
Yxy	27.8503, 0.3819, 0.3292
Android (android.graphics.Color)	4290478465 (0xFFBB8181)
YUV	146.3420, -8.5496, 35.6571
Hunter-Lab	52.7734, 16.9272, 9.4824

Details

The Yxy color **27.8503, 0.3819, 0.3292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.8022, 0.2688, 0.3289**, and the grayscale version is **28.9182, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.0664, 0.3668, 0.3292**, and **11.0767, 0.4066, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **22.9149, 0.4158, 0.3293**, and if you desaturate by 10%, it is **33.7810, 0.3543, 0.3291**.

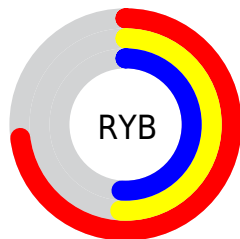
Distribution



Red (73%)

Green (51%)

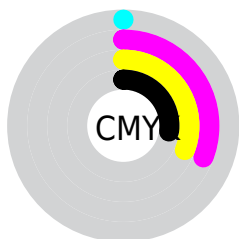
Blue (51%)



Red (73%)

Yellow (51%)

Blue (51%)

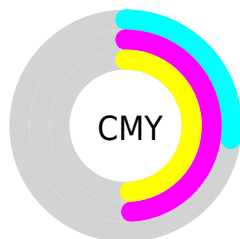


Cyan (0%)

Magenta (31%)

Yellow (31%)

Black (27%)



Cyan (27%)


Magenta (49%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.8503, 0.3819, 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 27.8503, 0.3819, 0.3292 by changing the saturation by 10% instead.


 27.8503, 0.3819,
0.3292


 27.8503, 0.3819,
0.3292


291.7509, 0.3440,
0.3299


 18.2128, 0.3926,
0.3287


 56.2454, 0.3673,
0.3297

 11.1029, 0.4071,
0.3277


 75.7717, 0.3620,
0.3298

 6.1361, 0.4280,
0.3259


 99.3632, 0.3577,
0.3299

 2.9280, 0.4602,
0.3221

127.4042, 0.3541,
0.3299

 1.0943, 0.5247,
0.3178

160.2790, 0.3510,
0.3299

 0.0000, 1.0000,
0.0000

198.3722, 0.3484,

 0.0000, 0.0000,

0.3299


0.0000


242.0680, 0.3460,
0.3299


 27.8503, 0.3819,
0.3292


 27.8503, 0.3819,
0.3292


 22.9149, 0.4158,
0.3293


 33.7810, 0.3543,
0.3291


 18.9167, 0.4563,
0.3294


 40.7531, 0.3321,
0.3291

 15.7974, 0.5022,
0.3296

 48.8146, 0.3143,
0.3290


 13.4911, 0.5498,
0.3297

 58.0095, 0.3001,
0.3290

 11.9221, 0.5927,
0.3298

 68.3792, 0.2886,
0.3289

 11.0008, 0.6236,
0.3299

 79.9630, 0.2794,
0.3289

 10.5666, 0.6401,
0.3300

 89.3066, 0.2736,
0.3289

Harmonies

Analogous

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



27.8503, 0.3508, 0.2985



27.8503, 0.3819, 0.3292



27.8503, 0.3930, 0.3617

Triad

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



27.8503, 0.3819, 0.3292



27.8503, 0.3111, 0.3920



27.8503, 0.2473, 0.2684

Complementary

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



27.8503, 0.3819, 0.3292



43.8022, 0.2688, 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.



27.8503, 0.2385, 0.2886



27.8503, 0.3819, 0.3292



27.8503, 0.2737, 0.3619

Square

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



27.8503, 0.3819, 0.3292



27.8503, 0.3505, 0.4012



27.8503, 0.2477, 0.3227



27.8503, 0.2727, 0.2643

Rectangle

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



27.8503, 0.3819, 0.3292



27.8503, 0.3874, 0.3808



27.8503, 0.2477, 0.3227



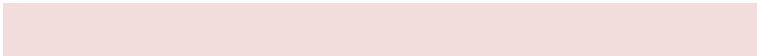
27.8503, 0.2424, 0.2734

Sweetspot

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



27.8516, 0.3819, 0.3292



75.5342, 0.3284, 0.3290



29.7336, 0.3153, 0.2528



16.1932, 0.3313, 0.3291



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.



27.8516, 0.3819, 0.3292



43.8663, 0.4035, 0.3293



36.2788, 0.3702, 0.3678



9.5364, 0.3288, 0.3290



7.2792, 0.6401, 0.3300



0.2851, 0.6401, 0.3300

Inverse Universe

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



27.8516, 0.3819, 0.3292



43.8663, 0.4035, 0.3293



33.0426, 0.2639, 0.2867



9.5364, 0.3288, 0.3290



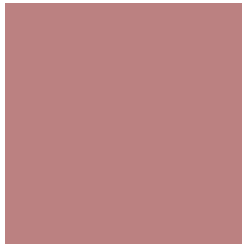
7.2792, 0.6401, 0.3300



0.2851, 0.6401, 0.3300

Previews

White Background



This preview shows how the Yxy color 27.8503, 0.3819, 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 27.8503, 0.3819, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

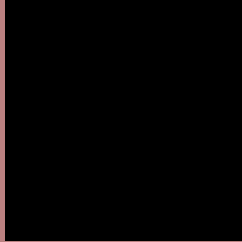
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.8503, 0.3819, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 27.8503, 0.3819, 0.3292.



This preview shows how white text looks on a background with the Yxy color 27.8503, 0.3819, 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

27.8503, 0.3819, 0.3292

Protanopia

28.1422, 0.3250, 0.3403

Deuteranopia

27.8901, 0.3536, 0.3476



Tritanopia

27.9359, 0.3737, 0.3166

Trichromacy



Original Color

27.8503, 0.3819, 0.3292

Protanomaly

27.9730, 0.3448, 0.3368

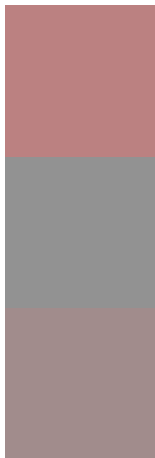
Deuteranomaly

27.6571, 0.3632, 0.3396

Tritanomaly

27.8509, 0.3774, 0.3208

Monochromacy



Original Color

27.8503, 0.3819, 0.3292

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.2267, 0.3359, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.8503, 0.3819, 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(187, 129, 129)` looks like.

```
.text, #text, p{  
    color:rgb(187, 129, 129)  
}
```

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(187, 129, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 129, 129) }
```

Border

The CSS property to change the border of an element to Yxy 27.8503, 0.3819, 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(187, 129, 129) }
```

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

```
.border{ border-color:rgb(187, 129, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 129, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 129, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 129, 129);  
box-shadow:4px 4px 4px 4px rgb(187, 129,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 27.8503, 0.3819, 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(187, 129, 129) }
```

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

```
.background{ background-color: rgb(187,  
129, 129) }
```

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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