

Converting Colors

$Y_{xy}(26.9288, 0.3755, 0.3148)$

Have a look what the booklet for
Yxy(26.9288, 0.3755, 0.3148)
contains.

Yxy(26.9813, 0.3761, 0.3152)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.9813, 0.3761, 0.3152)

Conversions

Conversions Part 1

Format	Color
Hex	BB7D87
RGB	187, 125, 135
RGB Percent	73%, 49%, 53%
CMY	0.2668, 0.5097, 0.4707
CMYK	0.00, 0.33, 0.28, 0.27
HSL	350°, 31%, 61%
HSV	350°, 33%, 73%
XYZ	32.1944, 26.9813, 26.4249
YIQ	144.6780, 33.7420, 16.2540

Conversions

Conversions Part 2

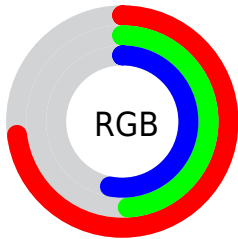
Format	Color
R _Y B	187, 125, 135
Decimal	12287367
CIE Lab	58.96, 25.45, 4.48
CIE LCh	59, 25.840, 9.994
Yxy	26.9813, 0.3761, 0.3152
Android (android.graphics.Color)	4290477447 (0xFFBB7D87)
YUV	144.6780, -4.7713, 37.1164
Hunter-Lab	51.9435, 19.7324, 6.1982

Details

The Yxy color **26.9813, 0.3761, 0.3152** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **43.0661, 0.2726, 0.3436**, and the grayscale version is **28.1877, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.7047, 0.3625, 0.3183**, and **10.5936, 0.3999, 0.3099** is the 20% darker color. If you saturate the color by 10%, you get **22.2751, 0.4053, 0.3111**, and if you desaturate by 10%, it is **32.6463, 0.3521, 0.3195**.

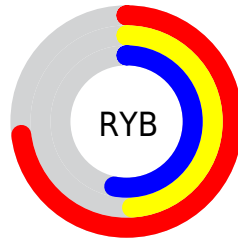
Distribution



Red (73%)

Green (49%)

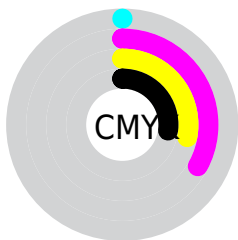
Blue (53%)



Red (73%)

Yellow (49%)

Blue (53%)

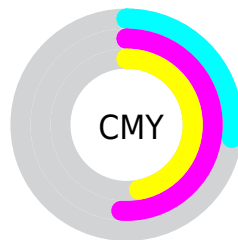


Cyan (0%)

Magenta (33%)

Yellow (28%)

Black (27%)



Cyan (27%)


Magenta (51%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9813, 0.3761, 0.3152 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 26.9813, 0.3761, 0.3152 by changing the saturation by 10% instead.


 26.9813, 0.3761,
0.3152


 26.9813, 0.3761,
0.3152


287.5666, 0.3413,
0.3232


 17.5592, 0.3859,
0.3128


 54.8539, 0.3626,
0.3184

 10.6340, 0.3994,
0.3094


 74.0731, 0.3579,
0.3195

 5.8213, 0.4187,
0.3042

 97.3268, 0.3539,
0.3204

 2.7367, 0.4489,
0.2957

124.9994, 0.3506,
0.3211

 0.9959, 0.5039,
0.2804

157.4753, 0.3477,
0.3218

 0.0000, 1.0000,
0.0000


195.1388, 0.3453,


 0.0000, 0.0000,


0.3223

0.0000


238.3745, 0.3432,
0.3228


 26.9813, 0.3761,
0.3152


 26.9813, 0.3761,
0.3152


 22.2751, 0.4053,
0.3111


 32.6463, 0.3521,
0.3195


 18.4709, 0.4400,
0.3076


 39.3152, 0.3327,
0.3238

 15.5119, 0.4797,
0.3053


 47.0347, 0.3170,
0.3278


 13.3332, 0.5222,
0.3052

 55.8476, 0.3043,
0.3315


 11.8602, 0.5636,
0.3078


 65.7942, 0.2940,
0.3349

 11.0041, 0.5986,
0.3133

 76.9129, 0.2856,
0.3380

 10.6556, 0.6172,
0.3174

 88.6632, 0.2787,
0.3398

 89.3015, 0.2736,
0.3289

Harmonies

Analogous

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



26.9813, 0.3366, 0.2850



26.9813, 0.3761, 0.3152



26.9813, 0.3977, 0.3500

Triad

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



26.9813, 0.3761, 0.3152



26.9813, 0.3281, 0.4044



26.9813, 0.2364, 0.2703

Complementary

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



26.9813, 0.3761, 0.3152



43.0661, 0.2726, 0.3436

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.



26.9813, 0.2346, 0.2984



26.9813, 0.3761, 0.3152



26.9813, 0.2856, 0.3799

Square

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



26.9813, 0.3761, 0.3152



26.9813, 0.3682, 0.4040



26.9813, 0.2520, 0.3391



26.9813, 0.2568, 0.2592

Rectangle

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



26.9813, 0.3761, 0.3152



26.9813, 0.3982, 0.3725



26.9813, 0.2520, 0.3391



26.9813, 0.2337, 0.2779

Sweetspot

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



26.9826, 0.3761, 0.3152



74.3469, 0.3277, 0.3250



27.5650, 0.3056, 0.2452



15.9587, 0.3300, 0.3244



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.



26.9826, 0.3761, 0.3152



41.8501, 0.3975, 0.3121



32.4994, 0.3791, 0.3580



9.5607, 0.3264, 0.3253



7.3512, 0.6148, 0.3160



0.2959, 0.5557, 0.2835

Inverse Universe

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



26.9826, 0.3761, 0.3152



41.8501, 0.3975, 0.3121



35.3382, 0.2623, 0.2979



9.5607, 0.3264, 0.3253



7.3512, 0.6148, 0.3160



0.2959, 0.5557, 0.2835

Previews

White Background



This preview shows how the Yxy color 26.9813, 0.3761, 0.3152 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 26.9813, 0.3761, 0.3152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

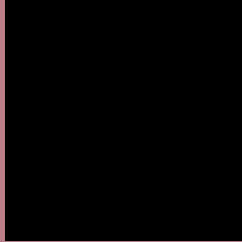
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9813, 0.3761, 0.3152

Background



This preview shows how black text looks on a background with the Yxy color 26.9813, 0.3761, 0.3152.



This preview shows how white text looks on a background with the Yxy color 26.9813, 0.3761, 0.3152.

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

26.9813, 0.3761, 0.3152

Protanopia

27.2889, 0.3129, 0.3258

Deuteranopia

26.9557, 0.3419, 0.3354



Tritanopia

26.9813, 0.3761, 0.3152

Trichromacy



Original Color

26.9813, 0.3761, 0.3152

Protanomaly

27.0050, 0.3345, 0.3213

Deuteranomaly

26.9313, 0.3534, 0.3276

Tritanomaly

26.9813, 0.3761, 0.3152

Monochromacy



Original Color

26.9813, 0.3761, 0.3152

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.5736, 0.3341, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9813, 0.3761, 0.3152 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, 125, 135)` looks like.

```
.text, #text, p{  
    color:rgb(187, 125, 135)  
}
```

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, 125, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 125, 135) }
```

Border

The CSS property to change the border of an element to Yxy 26.9813, 0.3761, 0.3152 is called "border". The border property can be set on classes, ids or directly on the HTML element.

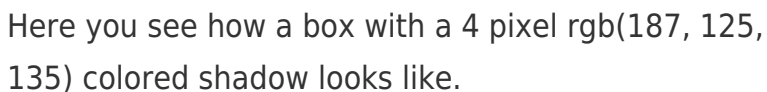
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 125, 135) }
```

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

```
.border{ border-color:rgb(187, 125, 135) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 125, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 125, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 125, 135); box-shadow:4px 4px 4px 4px rgb(187, 125, 135) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9813, 0.3761, 0.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 125, 135) }
```

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

```
.background{ background-color: rgb(187,  
125, 135) }
```

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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