

Converting Colors

$Yxy(28.9342, 0.3841, 0.3361)$

Have a look what the booklet for
Yxy(28.9342, 0.3841, 0.3361)
contains.

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Color

Yxy(28.8537, 0.3853, 0.3362)

Conversions

Conversions Part 1

Format	Color
Hex	BD847F
RGB	189, 132, 127
RGB Percent	74%, 52%, 50%
CMY	0.2588, 0.4823, 0.5020
CMYK	0.00, 0.30, 0.33, 0.26
HSL	5°, 32%, 62%
HSV	5°, 33%, 74%
XYZ	33.0676, 28.8537, 23.9017
YIQ	148.4730, 35.5770, 10.5290

Conversions

Conversions Part 2

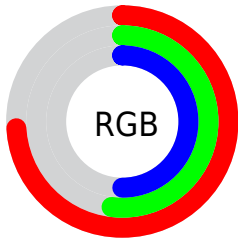
Format	Color
RYB	189, 132, 127
Decimal	12420223
CIELab	60.65, 21.26, 11.51
CIELCh	61, 24.180, 28.429
Yxy	28.8537, 0.3853, 0.3362
Android (android.graphics.Color)	4290610303 (0xFFBD847F)
YUV	148.4730, -10.5862, 35.5422
Hunter-Lab	53.7156, 15.8831, 11.2188

Details

The Yxy color $28.8537, 0.3853, 0.3362$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $42.4596, 0.2657, 0.3216$, and the grayscale version is $29.8568, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.7674, 0.3703, 0.3345$, and $11.6530, 0.4113, 0.3369$ is the 20% darker color. If you saturate the color by 10%, you get $24.0818, 0.4186, 0.3384$, and if you desaturate by 10%, it is $34.5052, 0.3578, 0.3339$.

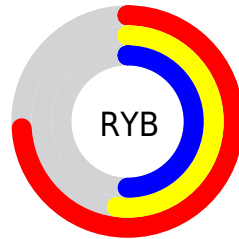
Distribution



Red (74%)

Green (52%)

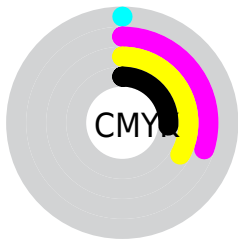
Blue (50%)



Red (74%)

Yellow (52%)

Blue (50%)

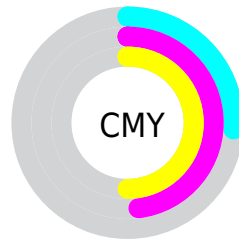


Cyan (0%)

Magenta (30%)

Yellow (33%)

Black (26%)



Cyan (26%)


Magenta (48%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.8537, 0.3853, 0.3362 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 28.8537, 0.3853, 0.3362 by changing the saturation by 10% instead.


 28.8537, 0.3853,
0.3362

 28.8537, 0.3853,
0.3362


296.5241, 0.3457,
0.3333

 18.9702, 0.3964,
0.3366


 57.8446, 0.3701,
0.3353

 11.6487, 0.4113,
0.3369


 77.7207, 0.3646,
0.3350

 6.5050, 0.4326,
0.3367


 101.6965, 0.3601,
0.3346

 3.1545, 0.4652,
0.3351

130.1563, 0.3563,
0.3343

 1.2129, 0.5314,
0.3359

163.4846, 0.3531,
0.3340

 0.0722, 0.8906,
0.1094

202.0657, 0.3503,

 0.0000, 0.0000,

0.3337

0.0000

246.2841, 0.3479,
0.3335

■ 28.8537, 0.3853,
0.3362

■ 28.8537, 0.3853,
0.3362

■ 24.0818, 0.4186,
0.3384

■ 34.5052, 0.3578,
0.3339

■ 20.1415, 0.4578,
0.3403

■ 41.0732, 0.3354,
0.3317

■ 16.9862, 0.5017,
0.3414

■ 48.5973, 0.3172,
0.3296

■ 14.5635, 0.5471,
0.3413


■ 57.1137, 0.3024,
0.3276


■ 12.8140, 0.5885,
0.3397


■ 66.6566, 0.2904,
0.3259

 11.6694, 0.6195,
0.3366

 77.2587, 0.2806,
0.3243

 11.1685, 0.6341,
0.3347

 88.6718, 0.2745,
0.3274

 89.5587, 0.2747,
0.3289

Harmonies

Analogous

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



28.8537, 0.3581, 0.3049



28.8537, 0.3853, 0.3362



28.8537, 0.3913, 0.3678

Triad

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



28.8537, 0.3853, 0.3362



28.8537, 0.3027, 0.3863



28.8537, 0.2521, 0.2669

Complementary

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



28.8537, 0.3853, 0.3362



42.4596, 0.2657, 0.3216

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.



28.8537, 0.2397, 0.2835



28.8537, 0.3853, 0.3362



28.8537, 0.2675, 0.3534

Square

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



28.8537, 0.3853, 0.3362



28.8537, 0.3421, 0.4003



28.8537, 0.2450, 0.3147



28.8537, 0.2804, 0.2662

Rectangle

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



28.8537, 0.3853, 0.3362



28.8537, 0.3826, 0.3854



28.8537, 0.2450, 0.3147



28.8537, 0.2461, 0.2707

Sweetspot

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



28.8551, 0.3853, 0.3362



76.9629, 0.3302, 0.3311



29.4922, 0.3207, 0.2535



16.1594, 0.3329, 0.3314



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.



28.8551, 0.3853, 0.3362



45.6879, 0.4073, 0.3377



38.2369, 0.3722, 0.3769



9.6571, 0.3286, 0.3309



7.5617, 0.6330, 0.3356



0.3389, 0.6081, 0.3553

Inverse Universe

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



42.4596, 0.2657, 0.3216



73.6142, 0.2573, 0.3199



31.2508, 0.2600, 0.2757



10.6739, 0.2985, 0.3271



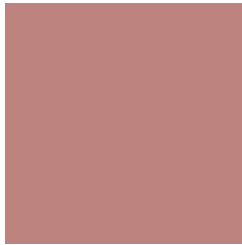
22.8184, 0.2177, 0.3038



0.9333, 0.2195, 0.3103

Previews

White Background



This preview shows how the Yxy color 28.8537, 0.3853, 0.3362 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 28.8537, 0.3853, 0.3362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

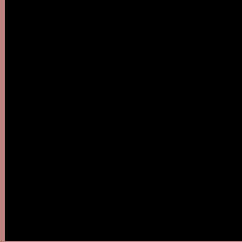
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.8537, 0.3853, 0.3362

Background



This preview shows how black text looks on a background with the Yxy color 28.8537, 0.3853, 0.3362.



This preview shows how white text looks on a background with the Yxy color 28.8537, 0.3853, 0.3362.

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

28.8537, 0.3853, 0.3362

Protanopia

28.9544, 0.3310, 0.3481

Deuteranopia

28.8553, 0.3598, 0.3534



Tritanopia

28.8059, 0.3717, 0.3154

Trichromacy



Original Color

28.8537, 0.3853, 0.3362

Protanomaly

28.6878, 0.3498, 0.3444

Deuteranomaly

28.9134, 0.3689, 0.3468

Tritanomaly

28.9290, 0.3773, 0.3237

Monochromacy



Original Color

28.8537, 0.3853, 0.3362

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.0260, 0.3377, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.8537, 0.3853, 0.3362 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, 132, 127)` looks like.

```
.text, #text, p{  
    color:rgb(189, 132, 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, 132, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 132, 127) }
```

Border

The CSS property to change the border of an element to Yxy 28.8537, 0.3853, 0.3362 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, 132, 127) }
```

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

```
.border{ border-color:rgb(189, 132, 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, 132, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 132, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 132, 127);  
box-shadow:4px 4px 4px 4px rgb(189, 132,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 28.8537, 0.3853, 0.3362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 132, 127) }
```

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

```
.background{ background-color: rgb(189,  
132, 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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