

Converting Colors

$Yxy(31.3826, 0.3385, 0.2862)$

Have a look what the booklet for
Yxy(31.3826, 0.3385, 0.2862)
contains.

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Color

Yxy(31.3826, 0.3385, 0.2862)

Conversions

Conversions Part 1

Format	Color
Hex	BE88A8
RGB	190, 136, 168
RGB Percent	75%, 53%, 66%
CMY	0.2547, 0.4667, 0.3411
CMYK	0.00, 0.28, 0.12, 0.25
HSL	324°, 29%, 64%
HSV	324°, 28%, 75%
XYZ	37.1174, 31.3826, 41.1527
YIQ	155.7940, 21.9120, 21.4000

Conversions

Conversions Part 2

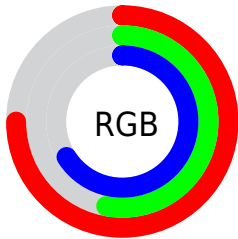
Format	Color
R_{YB}	190, 136, 168
Decimal	12486824
CIE _{Lab}	62.83, 25.69, -8.69
CIE _{LCh}	63, 27.117, 341.309
Yxy	31.3826, 0.3385, 0.2862
Android (android.graphics.Color)	4290676904 (0xFFBE88A8)
YUV	155.7940, 6.0176, 29.9987
Hunter-Lab	56.0202, 20.2339, -4.3406

Details

The Yxy color **31.3826, 0.3385, 0.2862** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.5509, 0.2934, 0.3762**, and the grayscale version is **33.1162, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.9288, 0.3336, 0.2948**, and **12.9922, 0.3470, 0.2723** is the 20% darker color. If you saturate the color by 10%, you get **26.2178, 0.3508, 0.2707**, and if you desaturate by 10%, it is **37.5165, 0.3280, 0.3017**.

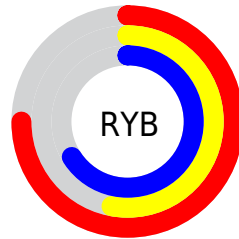
Distribution



Red (75%)

Green (53%)

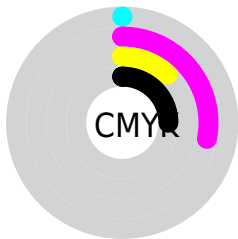
Blue (66%)



Red (75%)

Yellow (53%)

Blue (66%)

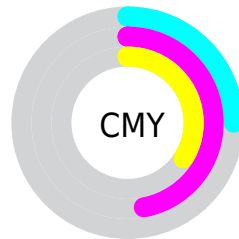


Cyan (0%)

Magenta (28%)

Yellow (12%)

Black (25%)



Cyan (25%)


Magenta (47%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.3826, 0.3385, 0.2862 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 31.3826, 0.3385, 0.2862 by changing the saturation by 10% instead.


 31.3826, 0.3385,
0.2862

 31.3826, 0.3385,
0.2862


308.2971, 0.3251,
0.3083

 20.8904, 0.3420,
0.2805


 61.8419, 0.3335,
0.2944

 13.0439, 0.3466,
0.2730


 82.5778, 0.3317,
0.2974

 7.4588, 0.3529,
0.2628


 107.4971, 0.3302,
0.2999

 3.7506, 0.3621,
0.2482

136.9840, 0.3288,
0.3021

 1.5351, 0.3765,
0.2254

171.4231, 0.3277,
0.3040

 0.3132, 0.4237,
0.1431

211.1987, 0.3267,

 0.0000, 0.0000,

0.3056

0.0000

256.6953, 0.3259,
0.3070

■ 31.3826, 0.3385,
0.2862

■ 31.3826, 0.3385,
0.2862

■ 26.2178, 0.3508,
0.2707

■ 37.5165, 0.3280,
0.3017

■ 21.9675, 0.3650,
0.2560

■ 44.6620, 0.3191,
0.3168

■ 18.5780, 0.3810,
0.2430

■ 52.8642, 0.3116,
0.3312

■ 15.9881, 0.3986,
0.2328

■ 62.1643, 0.3054,
0.3446

■ 14.1289, 0.4172,
0.2265

■ 72.6011, 0.3003,
0.3571

■ 12.9193, 0.4361,
0.2252

■ 84.2116, 0.2960,
0.3686

■ 12.2278, 0.4546,
0.2287

■ 87.7603, 0.2920,
0.3649

■ 12.1368, 0.4575,
0.2294

■ 88.1859, 0.2879,
0.3562

■ 88.6308, 0.2839,
0.3476

Harmonies

Analogous

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



31.3826, 0.2946, 0.2657



31.3826, 0.3385, 0.2862



31.3826, 0.3774, 0.3167

Triad

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



31.3826, 0.3385, 0.2862



31.3826, 0.3665, 0.4043



31.3826, 0.2345, 0.2969

Complementary

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



31.3826, 0.3385, 0.2862



44.5509, 0.2934, 0.3762

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.



31.3826, 0.2510, 0.3372



31.3826, 0.3385, 0.2862



31.3826, 0.3262, 0.4037

Square

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



31.3826, 0.3385, 0.2862



31.3826, 0.3934, 0.3837



31.3826, 0.2840, 0.3782



31.3826, 0.2371, 0.2696

Rectangle

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



31.3826, 0.3385, 0.2862



31.3826, 0.3937, 0.3398



31.3826, 0.2840, 0.3782



31.3826, 0.2379, 0.3093

Sweetspot

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



31.3840, 0.3385, 0.2862



79.9255, 0.3197, 0.3158



28.5521, 0.2837, 0.2521



17.1103, 0.3209, 0.3136



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



31.3840, 0.3385, 0.2862



50.9292, 0.3458, 0.2767



30.4910, 0.3681, 0.3217



9.6287, 0.3198, 0.3155



8.0813, 0.4552, 0.2281



0.3292, 0.4149, 0.2059

Inverse Universe

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



31.3840, 0.3385, 0.2862



50.9292, 0.3458, 0.2767



45.5694, 0.2754, 0.3366



9.6287, 0.3198, 0.3155



8.0813, 0.4552, 0.2281



0.3292, 0.4149, 0.2059

Previews

White Background



This preview shows how the Yxy color 31.3826, 0.3385, 0.2862 looks on a white background.

Color Contrast Check

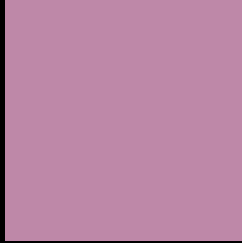
Large Text (above 18pt) WCAG AA × Fail

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 31.3826, 0.3385, 0.2862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

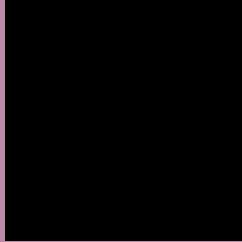
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.3826, 0.3385, 0.2862

Background



This preview shows how black text looks on a background with the Yxy color 31.3826, 0.3385, 0.2862.



This preview shows how white text looks on a background with the Yxy color 31.3826, 0.3385, 0.2862.

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

31.3826, 0.3385, 0.2862

Protanopia

31.5506, 0.2850, 0.2888

Deuteranopia

31.5100, 0.3089, 0.3026



Tritanopia

31.3586, 0.3552, 0.3140

Trichromacy



Original Color

31.3826, 0.3385, 0.2862

Protanomaly

31.4003, 0.3036, 0.2886

Deuteranomaly

31.5072, 0.3194, 0.2963

Tritanomaly

31.4301, 0.3489, 0.3032

Monochromacy



Original Color

31.3826, 0.3385, 0.2862

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.3578, 0.3216, 0.3131

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.3826, 0.3385, 0.2862 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(190, 136, 168)` looks like.

```
.text, #text, p{  
    color:rgb(190, 136, 168)  
}
```

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(190, 136, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 136, 168) }
```

Border

The CSS property to change the border of an element to Yxy 31.3826, 0.3385, 0.2862 is called "border". The border property can be set on classes, ids or directly on the HTML element.

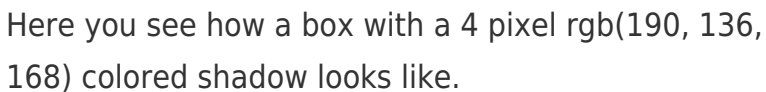
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(190, 136, 168) }
```

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

```
.border{ border-color:rgb(190, 136, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(190, 136, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 136, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 136, 168);  
box-shadow:4px 4px 4px 4px rgb(190, 136,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 31.3826, 0.3385, 0.2862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 136, 168) }
```

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

```
.background{ background-color: rgb(190,  
136, 168) }
```

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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