

Converting Colors

$Yxy(31.0665, 0.3644, 0.3251)$

Have a look what the booklet for
Yxy(31.0665, 0.3644, 0.3251)
contains.

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Color

Yxy(31.1096, 0.3641, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	BC8B8E
RGB	188, 139, 142
RGB Percent	74%, 55%, 56%
CMY	0.2628, 0.4549, 0.4431
CMYK	0.00, 0.26, 0.24, 0.26
HSL	356°, 27%, 64%
HSV	356°, 26%, 74%
XYZ	34.8523, 31.1096, 29.7599
YIQ	153.9930, 28.2410, 11.3210

Conversions

Conversions Part 2

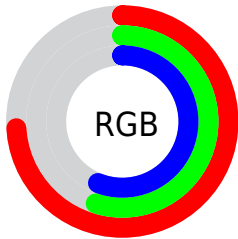
Format	Color
R _Y B	188, 139, 142
Decimal	12356494
CIE Lab	62.60, 19.08, 5.72
CIE LCh	63, 19.924, 16.694
Yxy	31.1096, 0.3641, 0.3250
Android (android.graphics.Color)	4290546574 (0xFFBC8B8E)
YUV	153.9930, -5.9125, 29.8241
Hunter-Lab	55.7760, 13.9300, 7.4083

Details

The Yxy color **31.1096, 0.3641, 0.3250** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.9544, 0.2771, 0.3331**, and the grayscale version is **32.3294, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.5379, 0.3532, 0.3259**, and **12.9858, 0.3820, 0.3235** is the 20% darker color. If you saturate the color by 10%, you get **25.6378, 0.3928, 0.3234**, and if you desaturate by 10%, it is **37.6043, 0.3409, 0.3266**.

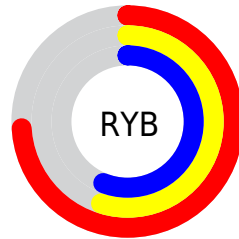
Distribution



Red (74%)

Green (55%)

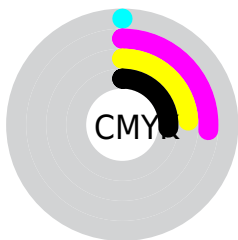
Blue (56%)



Red (74%)

Yellow (55%)

Blue (56%)

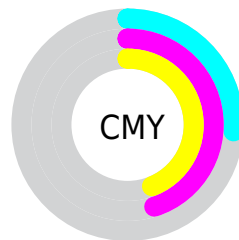


Cyan (0%)

Magenta (26%)

Yellow (24%)

Black (26%)



Cyan (26%)


Magenta (45%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.1096, 0.3641, 0.3250 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 31.1096, 0.3641, 0.3250 by changing the saturation by 10% instead.


 31.1096, 0.3641,
0.3250


 31.1096, 0.3641,
0.3250


307.0429, 0.3365,
0.3275


 20.6823, 0.3717,
0.3242


 61.4126, 0.3536,
0.3261

 12.8920, 0.3819,
0.3229


 82.0571, 0.3498,
0.3264

 7.3542, 0.3963,
0.3210


 106.8761, 0.3466,
0.3267

 3.6846, 0.4182,
0.3177

136.2540, 0.3440,
0.3269

 1.4987, 0.4552,
0.3110

170.5753, 0.3417,
0.3271

 0.2878, 0.7198,
0.2802


210.2243, 0.3397,


 0.0000, 0.0000,

0.3273


0.0000


255.5853, 0.3380,
0.3274


 31.1096, 0.3641,
0.3250


 31.1096, 0.3641,
0.3250


 25.6378, 0.3928,
0.3234


 37.6043, 0.3409,
0.3266


 21.1328, 0.4277,
0.3220


 45.1658, 0.3222,
0.3281

 17.5396, 0.4686,
0.3210

 53.8405, 0.3072,
0.3295

 14.7960, 0.5138,
0.3207

 63.6710, 0.2951,
0.3308

 12.8320, 0.5594,
0.3214

 74.6975, 0.2853,
0.3320

■ 11.5664, 0.5990,
0.3233

■ 86.9584, 0.2774,
0.3331

■ 10.8962, 0.6263,
0.3261

■ 89.4301, 0.2742,
0.3289

■ 10.7154, 0.6338,
0.3265

Harmonies

Analogous

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



31.1096, 0.3377, 0.3006



31.1096, 0.3641, 0.3250



31.1096, 0.3761, 0.3514

Triad

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



31.1096, 0.3641, 0.3250



31.1096, 0.3175, 0.3809



31.1096, 0.2578, 0.2826

Complementary

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



31.1096, 0.3641, 0.3250



44.9544, 0.2771, 0.3331

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.



31.1096, 0.2532, 0.3015



31.1096, 0.3641, 0.3250



31.1096, 0.2867, 0.3599

Square

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



31.1096, 0.3641, 0.3250



31.1096, 0.3482, 0.3856



31.1096, 0.2635, 0.3299



31.1096, 0.2764, 0.2765

Rectangle

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



31.1096, 0.3641, 0.3250



31.1096, 0.3740, 0.3672



31.1096, 0.2635, 0.3299



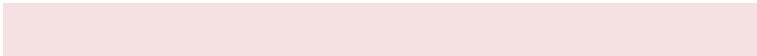
31.1096, 0.2547, 0.2875

Sweetspot

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



31.1110, 0.3641, 0.3250



78.8575, 0.3257, 0.3278



32.3783, 0.3124, 0.2645



16.4989, 0.3284, 0.3276



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.



31.1110, 0.3641, 0.3250



50.7582, 0.3790, 0.3241



37.7772, 0.3603, 0.3581



9.5456, 0.3279, 0.3276



7.3004, 0.6324, 0.3257



0.2892, 0.6042, 0.3102

Inverse Universe

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



31.1110, 0.3641, 0.3250



50.7582, 0.3790, 0.3241



36.6715, 0.2722, 0.2980



9.5456, 0.3279, 0.3276



7.3004, 0.6324, 0.3257



0.2892, 0.6042, 0.3102

Previews

White Background



This preview shows how the Yxy color 31.1096, 0.3641, 0.3250 looks on a white background.

Color Contrast Check

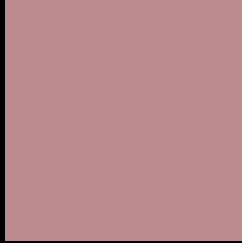
Large Text (above 18pt) WCAG AA × Fail

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 31.1096, 0.3641, 0.3250 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 31.1096, 0.3641, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 31.1096, 0.3641, 0.3250.



This preview shows how white text looks on a background with the Yxy color 31.1096, 0.3641, 0.3250.

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

31.1096, 0.3641, 0.3250

Protanopia

31.2717, 0.3187, 0.3321

Deuteranopia

31.0269, 0.3434, 0.3365



Tritanopia

31.1657, 0.3577, 0.3140

Trichromacy



Original Color

31.1096, 0.3641, 0.3250

Protanomaly

31.1582, 0.3348, 0.3306

Deuteranomaly

30.9151, 0.3518, 0.3320

Tritanomaly

31.0711, 0.3611, 0.3181

Monochromacy



Original Color

31.1096, 0.3641, 0.3250

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.8039, 0.3294, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.1096, 0.3641, 0.3250 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(188, 139, 142)` looks like.

```
.text, #text, p{  
    color:rgb(188, 139, 142)  
}
```

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(188, 139, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 139, 142) }
```

Border

The CSS property to change the border of an element to Yxy 31.1096, 0.3641, 0.3250 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(188, 139, 142) }
```

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

```
.border{ border-color:rgb(188, 139, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 139, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 139, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 139, 142);  
box-shadow:4px 4px 4px 4px rgb(188, 139,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 31.1096, 0.3641, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 139, 142) }
```

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

```
.background{ background-color: rgb(188,  
139, 142) }
```

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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