

Converting Colors

Yxy(30.9830, 0.3491, 0.3031)

Have a look what the booklet for
Yxy(30.9830, 0.3491, 0.3031)
contains.

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Color

Yxy(30.9830, 0.3491, 0.3031)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | BC899C |
| RGB | 188, 137, 156 |
| RGB Percent | 74%, 54%, 61% |
| CMY | 0.2628, 0.4627, 0.3882 |
| CMYK | 0.00, 0.27, 0.17, 0.26 |
| HSL | 338°, 28%, 64% |
| HSV | 338°, 27%, 74% |
| XYZ | 35.6851, 30.9830, 35.5523 |
| YIQ | 154.4150, 24.2970, 16.7210 |

Conversions

Conversions Part 2

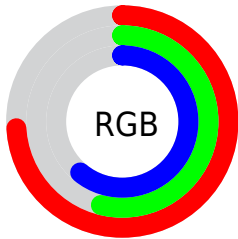
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 188, 137, 156 |
| Decimal | 12355996 |
| CIE Lab | 62.49, 22.37, -2.39 |
| CIE LCh | 62, 22.500, 353.909 |
| Yxy | 30.9830, 0.3491, 0.3031 |
| Android (android.graphics.Color) | 4290546076 (0xFFBC899C) |
| YUV | 154.4150, 0.7814, 29.4540 |
| Hunter-Lab | 55.6624, 17.0272, 1.0944 |

Details

The Yxy color **30.9830, 0.3491, 0.3031** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.1494, 0.2864, 0.3566**, and the grayscale version is **32.4960, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.3272, 0.3422, 0.3090**, and **12.9046, 0.3612, 0.2952** is the 20% darker color. If you saturate the color by 10%, you get **25.7164, 0.3680, 0.2931**, and if you desaturate by 10%, it is **37.2225, 0.3334, 0.3130**.

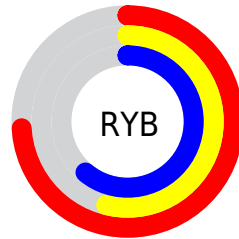
Distribution



Red (74%)

Green (54%)

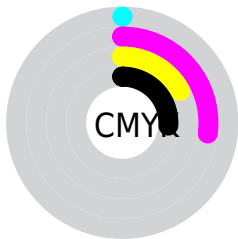
Blue (61%)



Red (74%)

Yellow (54%)

Blue (61%)

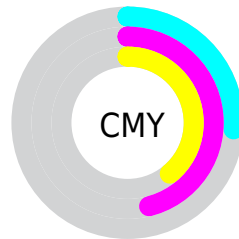


Cyan (0%)

Magenta (27%)

Yellow (17%)

Black (26%)



Cyan (26%)


Magenta (46%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9830, 0.3491, 0.3031 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 30.9830, 0.3491, 0.3031 by changing the saturation by 10% instead.


 30.9830, 0.3491,
0.3031


 30.9830, 0.3491,
0.3031


306.4600, 0.3298,
0.3168

 20.5859, 0.3543,
0.2994

 61.2133, 0.3418,
0.3082

 12.8217, 0.3613,
0.2946


 81.8153, 0.3391,
0.3101

 7.3058, 0.3712,
0.2878


 106.5877, 0.3369,
0.3117

 3.6541, 0.3859,
0.2778

135.9150, 0.3350,
0.3130

 1.4820, 0.4105,
0.2614

170.1814, 0.3334,
0.3141

 0.2760, 0.5210,
0.1779

209.7715, 0.3320,

 0.0000, 0.0000,

0.3151

0.0000

255.0695, 0.3308,
0.3160

■ 30.9830, 0.3491,
0.3031

■ 30.9830, 0.3491,
0.3031

■ 25.7164, 0.3680,
0.2931

■ 37.2225, 0.3334,
0.3130

■ 21.3691, 0.3906,
0.2836

■ 44.4765, 0.3205,
0.3226

■ 17.8886, 0.4169,
0.2754


■ 52.7893, 0.3099,
0.3315

■ 15.2155, 0.4465,
0.2696


■ 62.2014, 0.3012,
0.3398

■ 13.2828, 0.4784,
0.2674


■ 72.7512, 0.2941,
0.3474

 12.0124, 0.5106,
0.2700

 84.4750, 0.2882,
0.3544

 11.2953, 0.5408,
0.2775

 88.4182, 0.2824,
0.3467

 11.1338, 0.5492,
0.2799

 89.1368, 0.2764,
0.3338

 89.4312, 0.2742,
0.3289

Harmonies

Analogous

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



30.9830, 0.3130, 0.2814



30.9830, 0.3491, 0.3031



30.9830, 0.3760, 0.3314

Triad

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



30.9830, 0.3491, 0.3031



30.9830, 0.3448, 0.3938



30.9830, 0.2456, 0.2913

Complementary

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



30.9830, 0.3491, 0.3031



44.1494, 0.2864, 0.3566

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.



30.9830, 0.2531, 0.3214



30.9830, 0.3491, 0.3031



30.9830, 0.3092, 0.3839

Square

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



30.9830, 0.3491, 0.3031



30.9830, 0.3728, 0.3840



30.9830, 0.2758, 0.3563



30.9830, 0.2547, 0.2737

Rectangle

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



30.9830, 0.3491, 0.3031



30.9830, 0.3841, 0.3512



30.9830, 0.2758, 0.3563



30.9830, 0.2463, 0.3002

Sweetspot

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



30.9844, 0.3491, 0.3031



79.1991, 0.3217, 0.3216



29.8981, 0.2962, 0.2584



16.5846, 0.3235, 0.3202



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.



30.9844, 0.3491, 0.3031



49.8331, 0.3609, 0.2967



32.1288, 0.3683, 0.3374



9.5936, 0.3231, 0.3205



7.5939, 0.5460, 0.2781



0.3102, 0.4802, 0.2419

Inverse Universe

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



30.9844, 0.3491, 0.3031



49.8331, 0.3609, 0.2967



42.4258, 0.2729, 0.3204



9.5936, 0.3231, 0.3205



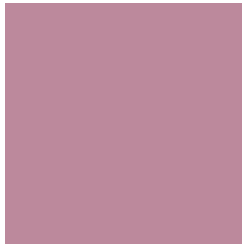
7.5939, 0.5460, 0.2781



0.3102, 0.4802, 0.2419

Previews

White Background



This preview shows how the Yxy color 30.9830, 0.3491, 0.3031 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 30.9830, 0.3491, 0.3031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

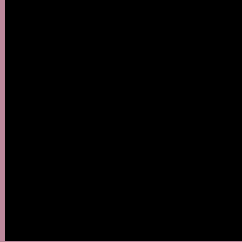
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.9830, 0.3491, 0.3031

Background



This preview shows how black text looks on a background with the Yxy color 30.9830, 0.3491, 0.3031.



This preview shows how white text looks on a background with the Yxy color 30.9830, 0.3491, 0.3031.

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

30.9830, 0.3491, 0.3031

Protanopia

30.9771, 0.2998, 0.3077

Deuteranopia

31.1999, 0.3246, 0.3187



Tritanopia

30.9117, 0.3555, 0.3139

Trichromacy



Original Color

30.9830, 0.3491, 0.3031

Protanomaly

30.7165, 0.3169, 0.3055

Deuteranomaly

30.8957, 0.3327, 0.3118

Tritanomaly

31.0088, 0.3522, 0.3098

Monochromacy



Original Color

30.9830, 0.3491, 0.3031

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.6534, 0.3246, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9830, 0.3491, 0.3031 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, 137, 156)` looks like.

```
.text, #text, p{  
    color:rgb(188, 137, 156)  
}
```

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, 137, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 137, 156) }
```

Border

The CSS property to change the border of an element to Yxy 30.9830, 0.3491, 0.3031 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, 137, 156) }
```

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

```
.border{ border-color:rgb(188, 137, 156) }
```

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

Here you see how a box with a 4 pixel rgb(188, 137, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 137, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 137, 156);  
box-shadow:4px 4px 4px 4px rgb(188, 137,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9830, 0.3491, 0.3031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 137, 156) }
```

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

```
.background{ background-color: rgb(188,  
137, 156) }
```

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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