

Converting Colors

$Yxy(30.9130, 0.3430, 0.3094)$

Have a look what the booklet for
Yxy(30.9130, 0.3430, 0.3094)
contains.

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Color

Yxy(30.9130, 0.3430, 0.3094)

Conversions

Conversions Part 1

Format	Color
Hex	B58C9A
RGB	181, 140, 154
RGB Percent	71%, 55%, 60%
CMY	0.2901, 0.4510, 0.3961
CMYK	0.00, 0.23, 0.15, 0.29
HSL	340°, 22%, 63%
HSV	340°, 23%, 71%
XYZ	34.2701, 30.9130, 34.7297
YIQ	153.8550, 19.9420, 13.0460

Conversions

Conversions Part 2

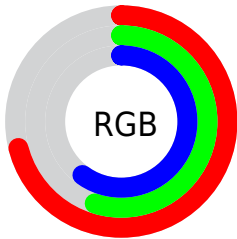
Format	Color
R _Y B	181, 140, 154
Decimal	11898010
CIE Lab	62.43, 17.80, -1.42
CIE LCh	62, 17.852, 355.441
Yxy	30.9130, 0.3430, 0.3094
Android (android.graphics.Color)	4290088090 (0xFFB58C9A)
YUV	153.8550, 0.0715, 23.8062
Hunter-Lab	55.5995, 12.7237, 1.8847

Details

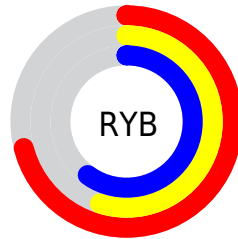
The Yxy color **30.9130, 0.3430, 0.3094** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.4225, 0.2896, 0.3496**, and the grayscale version is **32.2423, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.1422, 0.3368, 0.3139**, and **12.8808, 0.3538, 0.3037** is the 20% darker color. If you saturate the color by 10%, you get **25.6745, 0.3613, 0.3002**, and if you desaturate by 10%, it is **37.0640, 0.3279, 0.3184**.

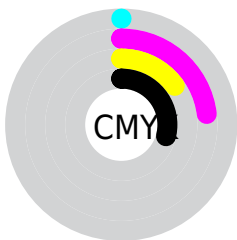
Distribution



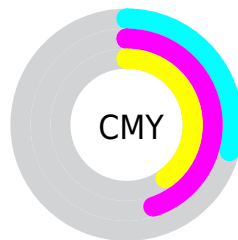
- Red (71%)
- Green (55%)
- Blue (60%)



- Red (71%)
- Yellow (55%)
- Blue (60%)



- Cyan (0%)
- Magenta (23%)
- Yellow (15%)
- Black (29%)





- Cyan (29%)
- Magenta (45%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9130, 0.3430, 0.3094 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 30.9130, 0.3430, 0.3094 by changing the saturation by 10% instead.


 30.9130, 0.3430,
0.3094


 30.9130, 0.3430,
0.3094


306.1373, 0.3269,
0.3198


 20.5326, 0.3474,
0.3066


 61.1031, 0.3369,
0.3133

 12.7828, 0.3533,
0.3028


 81.6815, 0.3347,
0.3148

 7.2791, 0.3615,
0.2976


 106.4282, 0.3328,
0.3159

 3.6373, 0.3740,
0.2898

135.7273, 0.3313,
0.3170

 1.4728, 0.3950,
0.2767

169.9634, 0.3299,
0.3178

 0.2695, 0.5105,
0.1992


209.5209, 0.3288,


 0.0000, 0.0000,


0.3186

0.0000

254.7840, 0.3278,
0.3192

 30.9130, 0.3430,
0.3094

 30.9130, 0.3430,
0.3094


 25.6745, 0.3613,
0.3002

 37.0640, 0.3279,
0.3184


 21.3008, 0.3833,
0.2913


 44.1640, 0.3156,
0.3268

 17.7457, 0.4092,
0.2831

 52.2526, 0.3055,
0.3347

 14.9576, 0.4390,
0.2768

 61.3660, 0.2972,
0.3420

 12.8786, 0.4718,
0.2735

 71.5384, 0.2904,
0.3487

■ 11.4424, 0.5059,
0.2743

■ 82.8026, 0.2849,
0.3548

■ 10.5702, 0.5386,
0.2800

■ 87.4885, 0.2792,
0.3481

■ 10.1716, 0.5607,
0.2863

■ 88.2108, 0.2733,
0.3349

■ 88.5664, 0.2706,
0.3289

Harmonies

Analogous

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



30.9130, 0.3147, 0.2914



30.9130, 0.3430, 0.3094



30.9130, 0.3635, 0.3326

Triad

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



30.9130, 0.3430, 0.3094



30.9130, 0.3372, 0.3800



30.9130, 0.2589, 0.2984

Complementary

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



30.9130, 0.3430, 0.3094



41.4225, 0.2896, 0.3496

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.



30.9130, 0.2643, 0.3220



30.9130, 0.3430, 0.3094



30.9130, 0.3088, 0.3712

Square

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



30.9130, 0.3430, 0.3094



30.9130, 0.3597, 0.3738



30.9130, 0.2823, 0.3493



30.9130, 0.2669, 0.2844

Rectangle

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



30.9130, 0.3430, 0.3094



30.9130, 0.3694, 0.3485



30.9130, 0.2823, 0.3493



30.9130, 0.2592, 0.3054

Sweetspot

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



30.9144, 0.3430, 0.3094



73.1993, 0.3208, 0.3231



30.2710, 0.3008, 0.2711



15.6604, 0.3215, 0.3226



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



30.9144, 0.3430, 0.3094



50.6620, 0.3513, 0.3050



32.3238, 0.3564, 0.3379



8.5515, 0.3235, 0.3213



7.0221, 0.5574, 0.2844



0.2322, 0.4785, 0.2409

Inverse Universe

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



30.9144, 0.3430, 0.3094



50.6620, 0.3513, 0.3050



39.5207, 0.2790, 0.3199



8.5515, 0.3235, 0.3213



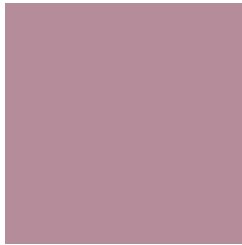
7.0221, 0.5574, 0.2844



0.2322, 0.4785, 0.2409

Previews

White Background



This preview shows how the Yxy color 30.9130, 0.3430, 0.3094 looks on a white background.

Color Contrast Check

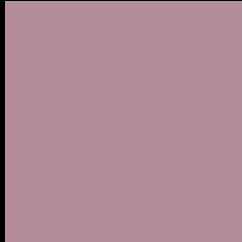
Large Text (above 18pt) WCAG AA × Fail

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 30.9130, 0.3430, 0.3094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

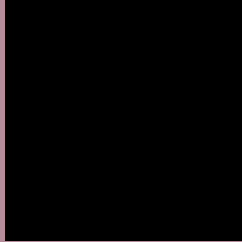
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.9130, 0.3430, 0.3094

Background



This preview shows how black text looks on a background with the Yxy color 30.9130, 0.3430, 0.3094.



This preview shows how white text looks on a background with the Yxy color 30.9130, 0.3430, 0.3094.

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

30.9130, 0.3430, 0.3094

Protanopia

30.9301, 0.3044, 0.3137

Deuteranopia

30.8570, 0.3258, 0.3187



Tritanopia

30.8143, 0.3462, 0.3136

Trichromacy



Original Color

30.9130, 0.3430, 0.3094

Protanomaly

30.7078, 0.3177, 0.3112

Deuteranomaly

30.9044, 0.3325, 0.3160

Tritanomaly

30.8469, 0.3451, 0.3122

Monochromacy



Original Color

30.9130, 0.3430, 0.3094

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.7205, 0.3233, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9130, 0.3430, 0.3094 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(181, 140, 154)` looks like.

```
.text, #text, p{  
    color:rgb(181, 140, 154)  
}
```

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(181, 140, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 140, 154) }
```

Border

The CSS property to change the border of an element to Yxy 30.9130, 0.3430, 0.3094 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(181, 140, 154) }
```

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

```
.border{ border-color:rgb(181, 140, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 140, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 140, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 140, 154); box-shadow:4px 4px 4px 4px rgb(181, 140, 154) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9130, 0.3430, 0.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 140, 154) }
```

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

```
.background{ background-color: rgb(181,  
140, 154) }
```

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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