

Converting Colors

$Y_{xy}(31.8512, 0.3415, 0.3166)$

Have a look what the booklet for
Yxy(31.8512, 0.3415, 0.3166)
contains.

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Color

Yxy(31.8301, 0.3410, 0.3164)

Conversions

Conversions Part 1

Format	Color
Hex	B39099
RGB	179, 144, 153
RGB Percent	70%, 56%, 60%
CMY	0.2982, 0.4352, 0.4001
CMYK	0.00, 0.20, 0.15, 0.30
HSL	345°, 19%, 63%
HSV	345°, 20%, 70%
XYZ	34.3049, 31.8301, 34.4658
YIQ	155.4910, 17.9710, 10.2190

Conversions

Conversions Part 2

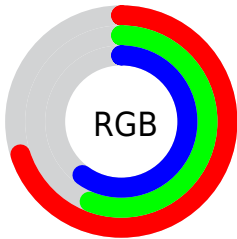
Format	Color
R_{YB}	179, 144, 153
Decimal	11767961
CIE _{Lab}	63.20, 14.61, 0.25
CIE _{LCh}	63, 14.607, 0.990
Yxy	31.8301, 0.3410, 0.3164
Android (android.graphics.Color)	4289958041 (0xFFB39099)
YUV	155.4910, -1.2281, 20.6174
Hunter-Lab	56.4182, 9.8045, 3.2725

Details

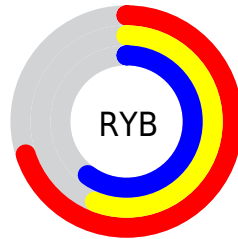
The Yxy color **31.8301, 0.3410, 0.3164** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.0564, 0.2905, 0.3420**, and the grayscale version is **33.0059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.5553, 0.3354, 0.3193**, and **13.2236, 0.3512, 0.3113** is the 20% darker color. If you saturate the color by 10%, you get **26.4169, 0.3605, 0.3095**, and if you desaturate by 10%, it is **38.1545, 0.3251, 0.3230**.

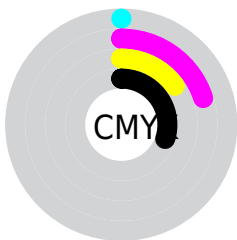
Distribution



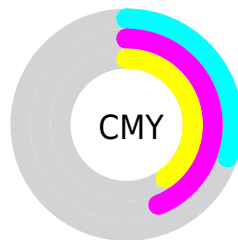
- Red (70%)
- Green (56%)
- Blue (60%)



- Red (70%)
- Yellow (56%)
- Blue (60%)



- Cyan (0%)
- Magenta (20%)
- Yellow (15%)
- Black (30%)





- Cyan (30%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.8301, 0.3410, 0.3164 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 31.8301, 0.3410, 0.3164 by changing the saturation by 10% instead.


 31.8301, 0.3410,
0.3164


 31.8301, 0.3410,
0.3164


310.3446, 0.3259,
0.3231

 21.2318, 0.3451,
0.3146


 62.5446, 0.3353,
0.3190

 13.2935, 0.3506,
0.3121


 83.4296, 0.3332,
0.3199

 7.6310, 0.3583,
0.3087

108.5123, 0.3315,
0.3206

 3.8597, 0.3698,
0.3034

138.1770, 0.3300,
0.3213

 1.5954, 0.3893,
0.2947

172.8082, 0.3288,
0.3219

 0.3545, 0.4896,
0.2503

212.7903, 0.3277,

 0.0000, 0.0000,

0.3223

0.0000

258.5076, 0.3268,
0.3228

■ 31.8301, 0.3410,
0.3164

■ 31.8301, 0.3410,
0.3164

■ 26.4169, 0.3605,
0.3095

■ 38.1545, 0.3251,
0.3230

■ 21.8687, 0.3842,
0.3027

■ 45.4251, 0.3122,
0.3293

■ 18.1416, 0.4125,
0.2964

■ 53.6802, 0.3016,
0.3351

■ 15.1860, 0.4455,
0.2914

■ 62.9548, 0.2930,
0.3403

■ 12.9472, 0.4823,
0.2888

■ 73.2822, 0.2860,
0.3452

■ 11.3631, 0.5208,
0.2895

■ 84.6940, 0.2802,
0.3495

■ 10.3607, 0.5574,
0.2943

■ 87.7597, 0.2739,
0.3385

■ 9.7988, 0.5890,
0.3023

■ 88.3186, 0.2696,
0.3289

■ 9.7751, 0.5904,
0.3026

Harmonies

Analogous

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



31.8301, 0.3188, 0.3004



31.8301, 0.3410, 0.3164



31.8301, 0.3556, 0.3358

Triad

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



31.8301, 0.3410, 0.3164



31.8301, 0.3287, 0.3697



31.8301, 0.2691, 0.3015

Complementary

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



31.8301, 0.3410, 0.3164



41.0564, 0.2905, 0.3420

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.



31.8301, 0.2716, 0.3196



31.8301, 0.3410, 0.3164



31.8301, 0.3054, 0.3603

Square

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



31.8301, 0.3410, 0.3164



31.8301, 0.3482, 0.3671



31.8301, 0.2847, 0.3415



31.8301, 0.2778, 0.2916

Rectangle

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



31.8301, 0.3410, 0.3164



31.8301, 0.3588, 0.3486



31.8301, 0.2847, 0.3415



31.8301, 0.2687, 0.3068

Sweetspot

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



31.8315, 0.3410, 0.3164



72.6307, 0.3204, 0.3252



31.7126, 0.3056, 0.2800



15.9110, 0.3212, 0.3248



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.



31.8315, 0.3410, 0.3164



53.0979, 0.3481, 0.3138



34.1060, 0.3483, 0.3407



8.5399, 0.3248, 0.3232



6.9205, 0.5875, 0.3010



0.2274, 0.5077, 0.2571

Inverse Universe

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



31.8315, 0.3410, 0.3164



53.0979, 0.3481, 0.3138



38.2368, 0.2833, 0.3170



8.5399, 0.3248, 0.3232



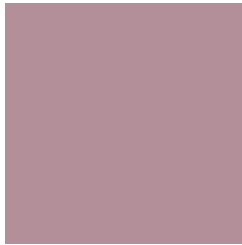
6.9205, 0.5875, 0.3010



0.2274, 0.5077, 0.2571

Previews

White Background



This preview shows how the Yxy color 31.8301, 0.3410, 0.3164 looks on a white background.

Color Contrast Check

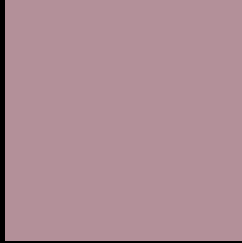
Large Text (above 18pt) WCAG AA × Fail

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 31.8301, 0.3410, 0.3164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

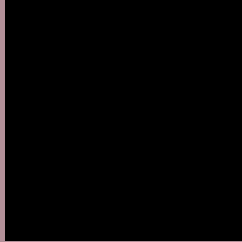
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.8301, 0.3410, 0.3164

Background



This preview shows how black text looks on a background with the Yxy color 31.8301, 0.3410, 0.3164.



This preview shows how white text looks on a background with the Yxy color 31.8301, 0.3410, 0.3164.

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

31.8301, 0.3410, 0.3164

Protanopia

31.8937, 0.3101, 0.3199

Deuteranopia

31.7716, 0.3296, 0.3232



Tritanopia

31.8968, 0.3389, 0.3136

Trichromacy



Original Color

31.8301, 0.3410, 0.3164

Protanomaly

31.7877, 0.3214, 0.3187

Deuteranomaly

31.9051, 0.3340, 0.3218

Tritanomaly

31.8633, 0.3400, 0.3150

Monochromacy



Original Color

31.8301, 0.3410, 0.3164

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.3588, 0.3231, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.8301, 0.3410, 0.3164 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(179, 144, 153)` looks like.

```
.text, #text, p{  
    color:rgb(179, 144, 153)  
}
```

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(179, 144, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 144, 153) }
```

Border

The CSS property to change the border of an element to Yxy 31.8301, 0.3410, 0.3164 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(179, 144, 153) }
```

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

```
.border{ border-color:rgb(179, 144, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 144, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 144, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 144, 153);  
box-shadow:4px 4px 4px 4px rgb(179, 144,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 31.8301, 0.3410, 0.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 144, 153) }
```

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

```
.background{ background-color: rgb(179,  
144, 153) }
```

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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