

Converting Colors

$Yxy(31.8708, 0.3855, 0.3447)$

Have a look what the booklet for
Yxy(31.8708, 0.3855, 0.3447)
contains.

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Color

Yxy(31.8105, 0.3850, 0.3441)

Conversions

Conversions Part 1

Format	Color
Hex	C28C81
RGB	194, 140, 129
RGB Percent	76%, 55%, 51%
CMY	0.2392, 0.4510, 0.4940
CMYK	0.00, 0.28, 0.33, 0.24
HSL	10°, 35%, 63%
HSV	10°, 33%, 76%
XYZ	35.5915, 31.8105, 25.0435
YIQ	154.8920, 35.7150, 8.0270

Conversions

Conversions Part 2

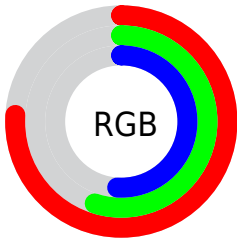
Format	Color
RYB	194, 142, 129
Decimal	12749953
CIELab	63.19, 19.07, 13.99
CIElCh	63, 23.651, 36.259
Yxy	31.8105, 0.3850, 0.3441
Android (android.graphics.Color)	4290940033 (0xFFC28C81)
YUV	154.8920, -12.7648, 34.2977
Hunter-Lab	56.4008, 13.9404, 13.1542

Details

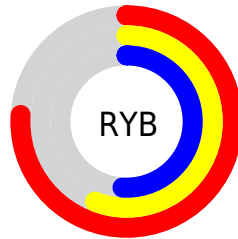
The Yxy color **31.8105, 0.3850, 0.3441** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.4477, 0.2637, 0.3132**, and the grayscale version is **32.7755, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.6564, 0.3703, 0.3418**, and **13.3805, 0.4094, 0.3478** is the 20% darker color. If you saturate the color by 10%, you get **26.9716, 0.4167, 0.3486**, and if you desaturate by 10%, it is **37.4410, 0.3584, 0.3394**.

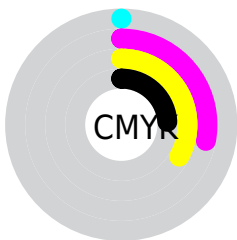
Distribution



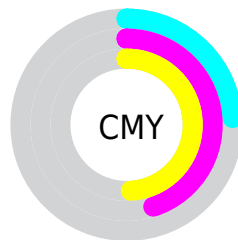
- Red (76%)
- Green (55%)
- Blue (51%)



- Red (76%)
- Yellow (56%)
- Blue (51%)



- Cyan (0%)
- Magenta (28%)
- Yellow (33%)
- Black (24%)





- Cyan (24%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.8105, 0.3850, 0.3441 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 31.8105, 0.3850, 0.3441 by changing the saturation by 10% instead.


 31.8105, 0.3850,
0.3441


 31.8105, 0.3850,
0.3441


310.2551, 0.3462,
0.3371


 21.2168, 0.3956,
0.3456


 62.5139, 0.3702,
0.3417

 13.2826, 0.4098,
0.3473


 83.3924, 0.3649,
0.3408

 7.6234, 0.4296,
0.3491


 108.4679, 0.3605,
0.3400

 3.8549, 0.4592,
0.3505

138.1249, 0.3567,
0.3392

 1.5928, 0.5119,
0.3527

172.7477, 0.3535,
0.3386

 0.3527, 0.6942,
0.3058

212.7207, 0.3507,

 0.0000, 0.0000,

0.3380

0.0000

258.4284, 0.3483,
0.3375

■ 31.8105, 0.3850,
0.3441

■ 31.8105, 0.3850,
0.3441

■ 26.9716, 0.4167,
0.3486

■ 37.4410, 0.3584,
0.3394

■ 22.8844, 0.4535,
0.3525

■ 43.8917, 0.3364,
0.3348

■ 19.5120, 0.4945,
0.3551


■ 51.1956, 0.3183,
0.3304


■ 16.8128, 0.5371,
0.3554


■ 59.3822, 0.3033,
0.3264

■ 14.7408, 0.5767,
0.3528


■ 68.4797, 0.2910,
0.3228

 13.2440, 0.6081,
0.3473

 78.5152, 0.2808,
0.3195

 12.5441, 0.6234,
0.3432

 88.8646, 0.2771,
0.3267

 90.2102, 0.2773,
0.3289

Harmonies

Analogous

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



31.8105, 0.3640, 0.3136



31.8105, 0.3850, 0.3441



31.8105, 0.3850, 0.3730

Triad

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



31.8105, 0.3850, 0.3441



31.8105, 0.2938, 0.3763



31.8105, 0.2609, 0.2684

Complementary

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



31.8105, 0.3850, 0.3441



42.4477, 0.2637, 0.3132

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.



31.8105, 0.2448, 0.2804



31.8105, 0.3850, 0.3441



31.8105, 0.2629, 0.3426

Square

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



31.8105, 0.3850, 0.3441



31.8105, 0.3311, 0.3950



31.8105, 0.2454, 0.3069



31.8105, 0.2910, 0.2714

Rectangle

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



31.8105, 0.3850, 0.3441



31.8105, 0.3735, 0.3877



31.8105, 0.2454, 0.3069



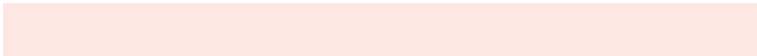
31.8105, 0.2538, 0.2707

Sweetspot

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



31.8120, 0.3850, 0.3441



83.7503, 0.3299, 0.3333



30.6052, 0.3276, 0.2593



17.9368, 0.3327, 0.3339



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



31.8120, 0.3850, 0.3441



51.2254, 0.4071, 0.3474



42.6938, 0.3711, 0.3861



10.3466, 0.3285, 0.3330



8.3301, 0.6216, 0.3447



0.4473, 0.5822, 0.3759

Inverse Universe

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



42.4477, 0.2637, 0.3132



73.3294, 0.2544, 0.3093



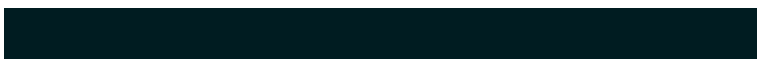
30.5983, 0.2575, 0.2643



11.1297, 0.2984, 0.3250



19.4818, 0.2097, 0.2749



0.9202, 0.2134, 0.2882

Previews

White Background



This preview shows how the Yxy color 31.8105, 0.3850, 0.3441 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 31.8105, 0.3850, 0.3441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

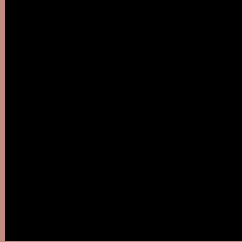
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.8105, 0.3850, 0.3441

Background



This preview shows how black text looks on a background with the Yxy color 31.8105, 0.3850, 0.3441.



This preview shows how white text looks on a background with the Yxy color 31.8105, 0.3850, 0.3441.

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

31.8105, 0.3850, 0.3441

Protanopia

32.0053, 0.3371, 0.3565

Deuteranopia

31.7731, 0.3644, 0.3567



Tritanopia

31.7652, 0.3668, 0.3145

Trichromacy



Original Color

31.8105, 0.3850, 0.3441

Protanomaly

31.6439, 0.3533, 0.3512

Deuteranomaly

31.5723, 0.3722, 0.3519

Tritanomaly

31.7021, 0.3733, 0.3251

Monochromacy



Original Color

31.8105, 0.3850, 0.3441

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.3230, 0.3363, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.8105, 0.3850, 0.3441 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(194, 140, 129)` looks like.

```
.text, #text, p{  
    color:rgb(194, 140, 129)  
}
```

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(194, 140, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 140, 129) }
```

Border

The CSS property to change the border of an element to Yxy 31.8105, 0.3850, 0.3441 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(194, 140, 129) }
```

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

```
.border{ border-color:rgb(194, 140, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 140, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 140, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 140, 129); box-shadow:4px 4px 4px 4px rgb(194, 140, 129) }
```


Background

The CSS property to change the background color of an element to Yxy 31.8105, 0.3850, 0.3441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 140, 129) }
```

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

```
.background{ background-color: rgb(194,  
140, 129) }
```

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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