

Converting Colors

$Yxy(32.1193, 0.3399, 0.3234)$

Have a look what the booklet for
Yxy(32.1193, 0.3399, 0.3234)
contains.

| | |
|--|----|
| Yxy(31.9899, 0.3405, 0.3234) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(31.9899, 0.3405, 0.3234)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B09296 |
| RGB | 176, 146, 150 |
| RGB Percent | 69%, 57%, 59% |
| CMY | 0.3099, 0.4274, 0.4118 |
| CMYK | 0.00, 0.17, 0.15, 0.31 |
| HSL | 352°, 16%, 63% |
| HSV | 352°, 17%, 69% |
| XYZ | 33.6814, 31.9899, 33.2462 |
| YIQ | 155.4260, 16.5960, 7.6040 |

Conversions

Conversions Part 2

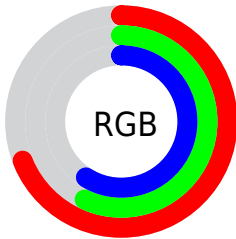
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 176, 146, 150 |
| Decimal | 11571862 |
| CIELab | 63.33, 11.86, 2.11 |
| CIELCh | 63, 12.050, 10.073 |
| Yxy | 31.9899, 0.3405, 0.3234 |
| Android (android.graphics.Color) | 4289761942 (0xFFB09296) |
| YUV | 155.4260, -2.6750, 18.0434 |
| Hunter-Lab | 56.5596, 7.3179, 4.7406 |

Details

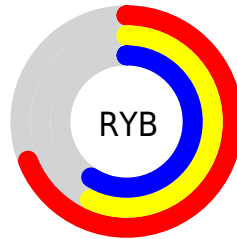
The Yxy color **31.9899, 0.3405, 0.3234** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.1286, 0.2905, 0.3347**, and the grayscale version is **32.9827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.8240, 0.3351, 0.3247**, and **13.2962, 0.3504, 0.3210** is the 20% darker color. If you saturate the color by 10%, you get **26.5163, 0.3622, 0.3199**, and if you desaturate by 10%, it is **38.3655, 0.3230, 0.3268**.

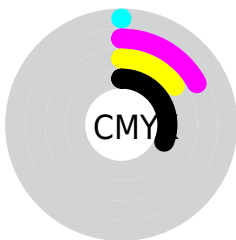
Distribution



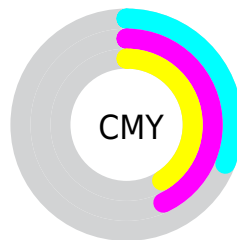
- Red (69%)
- Green (57%)
- Blue (59%)



- Red (69%)
- Yellow (57%)
- Blue (59%)



- Cyan (0%)
- Magenta (17%)
- Yellow (15%)
- Black (31%)





- Cyan (31%)
- Magenta (43%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.9899, 0.3405, 0.3234 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 31.9899, 0.3405, 0.3234 by changing the saturation by 10% instead.

 31.9899, 0.3405,
0.3234


 31.9899, 0.3405,
0.3234


311.0732, 0.3257,
0.3265

 21.3538, 0.3445,
0.3225


 62.7953, 0.3349,
0.3246

 13.3829, 0.3499,
0.3213


 83.7333, 0.3328,
0.3250

 7.6927, 0.3576,
0.3196


108.8741, 0.3311,
0.3254

 3.8990, 0.3691,
0.3170

138.6020, 0.3297,
0.3257

 1.6172, 0.3885,
0.3123

173.3015, 0.3285,
0.3259

 0.3692, 0.5066,
0.2920


213.3570, 0.3274,


 0.0000, 0.0000,


0.3261


0.0000


259.1527, 0.3265,
0.3263

 31.9899, 0.3405,
0.3234


 31.9899, 0.3405,
0.3234


 26.5163, 0.3622,
0.3199

 38.3655, 0.3230,
0.3268

 21.8998, 0.3889,
0.3164

 45.6768, 0.3088,
0.3299


 18.0984, 0.4211,
0.3132

 53.9609, 0.2974,
0.3328

 15.0644, 0.4590,
0.3107

 63.2518, 0.2881,
0.3354

 12.7456, 0.5012,
0.3096

 73.5816, 0.2804,
0.3378

■ 11.0829, 0.5447,
0.3105

■ 84.9812, 0.2742,
0.3399

■ 10.0079, 0.5844,
0.3138

■ 87.9661, 0.2681,
0.3289

■ 9.4231, 0.6149,
0.3190

■ 9.2891, 0.6223,
0.3202

Harmonies

Analogous

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



31.9899, 0.3237, 0.3088



31.9899, 0.3405, 0.3234



31.9899, 0.3498, 0.3398

Triad

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



31.9899, 0.3405, 0.3234



31.9899, 0.3203, 0.3610



31.9899, 0.2778, 0.3031

Complementary

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



31.9899, 0.3405, 0.3234



40.1286, 0.2905, 0.3347

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.



31.9899, 0.2771, 0.3164



31.9899, 0.3405, 0.3234



31.9899, 0.3011, 0.3505

Square

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



31.9899, 0.3405, 0.3234



31.9899, 0.3378, 0.3620



31.9899, 0.2855, 0.3339



31.9899, 0.2877, 0.2971

Rectangle

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



31.9899, 0.3405, 0.3234



31.9899, 0.3502, 0.3497



31.9899, 0.2855, 0.3339



31.9899, 0.2765, 0.3068

Sweetspot

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



31.9913, 0.3405, 0.3234



72.0393, 0.3200, 0.3274



32.4646, 0.3107, 0.2871



15.4239, 0.3210, 0.3272



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



31.9913, 0.3405, 0.3234



54.5589, 0.3472, 0.3222



35.4159, 0.3420, 0.3447



8.5230, 0.3267, 0.3260



6.8237, 0.6204, 0.3192



0.2205, 0.5615, 0.2867

Inverse Universe

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



31.9913, 0.3405, 0.3234



54.5589, 0.3472, 0.3222



36.1510, 0.2868, 0.3128



8.5230, 0.3267, 0.3260



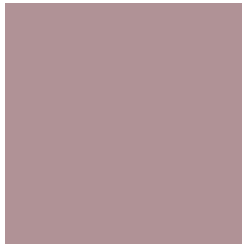
6.8237, 0.6204, 0.3192



0.2205, 0.5615, 0.2867

Previews

White Background



This preview shows how the Yxy color 31.9899, 0.3405, 0.3234 looks on a white background.

Color Contrast Check

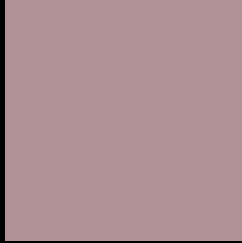
Large Text (above 18pt) WCAG AA × Fail

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 31.9899, 0.3405, 0.3234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

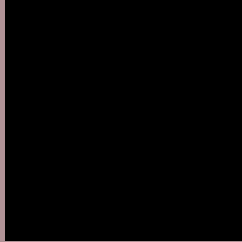
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.9899, 0.3405, 0.3234

Background



This preview shows how black text looks on a background with the Yxy color 31.9899, 0.3405, 0.3234.



This preview shows how white text looks on a background with the Yxy color 31.9899, 0.3405, 0.3234.

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

31.9899, 0.3405, 0.3234

Protanopia

32.1835, 0.3148, 0.3275

Deuteranopia

31.9279, 0.3337, 0.3261



Tritanopia

31.9982, 0.3356, 0.3135

Trichromacy



Original Color

31.9899, 0.3405, 0.3234

Protanomaly

31.8991, 0.3232, 0.3246

Deuteranomaly

31.8401, 0.3361, 0.3247

Tritanomaly

31.9310, 0.3377, 0.3163

Monochromacy



Original Color

31.9899, 0.3405, 0.3234

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.5429, 0.3229, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.9899, 0.3405, 0.3234 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(176, 146, 150)` looks like.

```
.text, #text, p{  
    color:rgb(176, 146, 150)  
}
```

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(176, 146, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 146, 150) }
```

Border

The CSS property to change the border of an element to Yxy 31.9899, 0.3405, 0.3234 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(176, 146, 150) }
```

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

```
.border{ border-color:rgb(176, 146, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 146, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 146, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 146, 150);  
box-shadow:4px 4px 4px 4px rgb(176, 146,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 31.9899, 0.3405, 0.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 146, 150) }
```

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

```
.background{ background-color: rgb(176,  
146, 150) }
```

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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