

Converting Colors

$Y_{xy}(31.3925, 0.3385, 0.3225)$

Have a look what the booklet for
Yxy(31.3925, 0.3385, 0.3225)
contains.

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Color

Yxy(31.4515, 0.3386, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	AE9196
RGB	174, 145, 150
RGB Percent	68%, 57%, 59%
CMY	0.3177, 0.4313, 0.4119
CMYK	0.00, 0.17, 0.14, 0.32
HSL	350°, 15%, 63%
HSV	350°, 17%, 68%
XYZ	33.0832, 31.4515, 33.1711
YIQ	154.2410, 15.6790, 7.7030

Conversions

Conversions Part 2

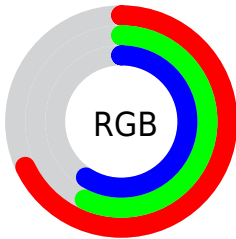
Format	Color
RYB	174, 145, 150
Decimal	11440534
CIELab	62.89, 11.69, 1.44
CIELCh	63, 11.775, 7.011
Yxy	31.4515, 0.3386, 0.3219
Android (android.graphics.Color)	4289630614 (0xFFAE9196)
YUV	154.2410, -2.0908, 17.3286
Hunter-Lab	56.0816, 7.1563, 4.1883

Details

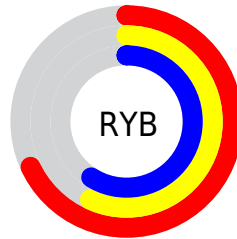
The Yxy color **31.4515, 0.3386, 0.3219** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.1556, 0.2918, 0.3362**, and the grayscale version is **32.4304, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.0295, 0.3336, 0.3236**, and **12.9712, 0.3476, 0.3189** is the 20% darker color. If you saturate the color by 10%, you get **26.0999, 0.3591, 0.3173**, and if you desaturate by 10%, it is **37.6775, 0.3220, 0.3263**.

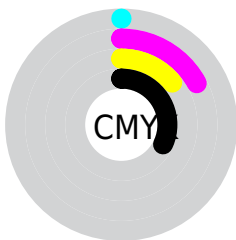
Distribution



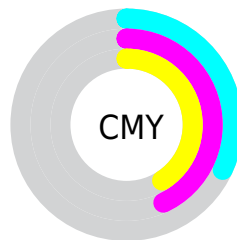
- Red (68%)
- Green (57%)
- Blue (59%)



- Red (68%)
- Yellow (57%)
- Blue (59%)



- Cyan (0%)
- Magenta (17%)
- Yellow (14%)
- Black (32%)





- Cyan (32%)
- Magenta (43%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.4515, 0.3386, 0.3219 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 31.4515, 0.3386, 0.3219 by changing the saturation by 10% instead.

 31.4515, 0.3386,
0.3219


 31.4515, 0.3386,
0.3219


308.6130, 0.3248,
0.3258

 20.9429, 0.3424,
0.3208


 61.9502, 0.3333,
0.3234

 13.0823, 0.3474,
0.3194


 82.7091, 0.3314,
0.3239

 7.4852, 0.3546,
0.3173


107.6536, 0.3299,
0.3244

 3.7674, 0.3654,
0.3141

137.1680, 0.3285,
0.3247

 1.5443, 0.3838,
0.3085

171.6367, 0.3274,
0.3250

 0.3196, 0.5095,
0.2764


211.4442, 0.3264,


 0.0000, 0.0000,


0.3253

0.0000

256.9749, 0.3255,
0.3255


 31.4515, 0.3386,
0.3219


 31.4515, 0.3386,
0.3219

 26.0999, 0.3591,
0.3173


 37.6775, 0.3220,
0.3263


 21.5793, 0.3843,
0.3128

 44.8101, 0.3085,
0.3303


 17.8493, 0.4147,
0.3085

 52.8852, 0.2976,
0.3341

 14.8643, 0.4504,
0.3051

 61.9355, 0.2887,
0.3374

 12.5738, 0.4906,
0.3033

 71.9919, 0.2815,
0.3405

■ 10.9214, 0.5327,
0.3039

■ 83.0843, 0.2755,
0.3433

■ 9.8414, 0.5724,
0.3075

■ 87.4765, 0.2691,
0.3333

■ 9.2433, 0.6046,
0.3137

■ 87.7379, 0.2671,
0.3289

■ 9.0907, 0.6138,
0.3155

Harmonies

Analogous

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



31.4515, 0.3216, 0.3079



31.4515, 0.3386, 0.3219



31.4515, 0.3486, 0.3380

Triad

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



31.4515, 0.3386, 0.3219



31.4515, 0.3221, 0.3609



31.4515, 0.2779, 0.3046

Complementary

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



31.4515, 0.3386, 0.3219



39.1556, 0.2918, 0.3362

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.



31.4515, 0.2781, 0.3183



31.4515, 0.3386, 0.3219



31.4515, 0.3032, 0.3516

Square

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



31.4515, 0.3386, 0.3219



31.4515, 0.3388, 0.3610



31.4515, 0.2872, 0.3356



31.4515, 0.2867, 0.2979

Rectangle

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



31.4515, 0.3386, 0.3219



31.4515, 0.3498, 0.3480



31.4515, 0.2872, 0.3356



31.4515, 0.2770, 0.3085

Sweetspot

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



31.4529, 0.3386, 0.3219



70.2693, 0.3197, 0.3269



31.7091, 0.3093, 0.2879



15.4297, 0.3207, 0.3266



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.



31.4529, 0.3386, 0.3219



53.2876, 0.3457, 0.3202



34.2157, 0.3416, 0.3423



8.0369, 0.3260, 0.3251



6.6004, 0.6115, 0.3142



0.1902, 0.5386, 0.2741

Inverse Universe

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



31.4529, 0.3386, 0.3219



53.2876, 0.3457, 0.3202



35.9199, 0.2874, 0.3153



8.0369, 0.3260, 0.3251



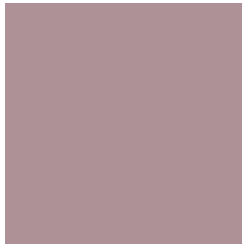
6.6004, 0.6115, 0.3142



0.1902, 0.5386, 0.2741

Previews

White Background



This preview shows how the Yxy color 31.4515, 0.3386, 0.3219 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 31.4515, 0.3386, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

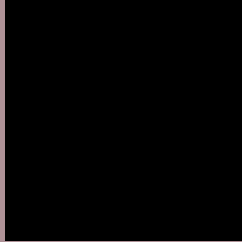
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.4515, 0.3386, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 31.4515, 0.3386, 0.3219.



This preview shows how white text looks on a background with the Yxy color 31.4515, 0.3386, 0.3219.

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

31.4515, 0.3386, 0.3219

Protanopia

31.7581, 0.3139, 0.3260

Deuteranopia

31.3943, 0.3318, 0.3246



Tritanopia

31.4270, 0.3347, 0.3133

Trichromacy



Original Color

31.4515, 0.3386, 0.3219

Protanomaly

31.4762, 0.3223, 0.3231

Deuteranomaly

31.3058, 0.3341, 0.3232

Tritanomaly

31.3604, 0.3367, 0.3162

Monochromacy



Original Color

31.4515, 0.3386, 0.3219

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.0102, 0.3210, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4515, 0.3386, 0.3219 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(174, 145, 150)` looks like.

```
.text, #text, p{  
    color:rgb(174, 145, 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(174, 145, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 145, 150) }
```

Border

The CSS property to change the border of an element to Yxy 31.4515, 0.3386, 0.3219 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(174, 145, 150) }
```

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

```
.border{ border-color:rgb(174, 145, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 145, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 145, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 145, 150);  
box-shadow:4px 4px 4px 4px rgb(174, 145,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 31.4515, 0.3386, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 145, 150) }
```

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

```
.background{ background-color: rgb(174,  
145, 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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