

Converting Colors

$Y_{xy}(31.5009, 0.3514, 0.3191)$

Have a look what the booklet for
Yxy(31.5009, 0.3514, 0.3191)
contains.

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Color

Yxy(31.4100, 0.3514, 0.3179)

Conversions

Conversions Part 1

Format	Color
Hex	B88D95
RGB	184, 141, 149
RGB Percent	72%, 55%, 58%
CMY	0.2784, 0.4471, 0.4156
CMYK	0.00, 0.23, 0.19, 0.28
HSL	349°, 23%, 64%
HSV	349°, 23%, 72%
XYZ	34.7200, 31.4100, 32.6747
YIQ	154.7690, 23.0600, 11.6040

Conversions

Conversions Part 2

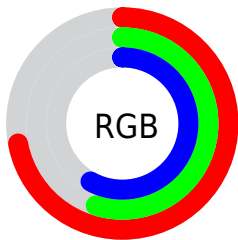
Format	Color
RYB	184, 141, 149
Decimal	12094869
CIELab	62.85, 17.54, 2.05
CIELCh	63, 17.663, 6.672
Yxy	31.4100, 0.3514, 0.3179
Android (android.graphics.Color)	4290284949 (0xFFB88D95)
YUV	154.7690, -2.8441, 25.6356
Hunter-Lab	56.0446, 12.5036, 4.6644

Details

The Yxy color **31.4100, 0.3514, 0.3179** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.0822, 0.2842, 0.3405**, and the grayscale version is **32.6775, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.0428, 0.3439, 0.3205**, and **13.1098, 0.3647, 0.3155** is the 20% darker color. If you saturate the color by 10%, you get **25.9805, 0.3746, 0.3129**, and if you desaturate by 10%, it is **37.8054, 0.3325, 0.3228**.

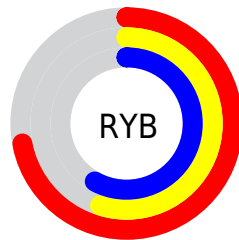
Distribution



Red (72%)

Green (55%)

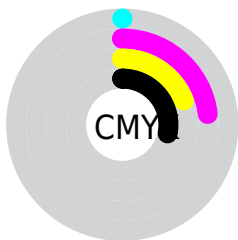
Blue (58%)



Red (72%)

Yellow (55%)

Blue (58%)

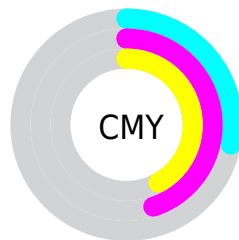


Cyan (0%)

Magenta (23%)

Yellow (19%)

Black (28%)



Cyan (28%)


Magenta (45%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.4100, 0.3514, 0.3179 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 31.4100, 0.3514, 0.3179 by changing the saturation by 10% instead.


 31.4100, 0.3514,
0.3179


 31.4100, 0.3514,
0.3179


308.4228, 0.3307,
0.3240

 20.9113, 0.3571,
0.3162

 61.8850, 0.3435,
0.3202

 13.0591, 0.3646,
0.3139


 82.6300, 0.3407,
0.3211

 7.4693, 0.3753,
0.3106


 107.5593, 0.3383,
0.3218

 3.7573, 0.3915,
0.3055

137.0572, 0.3363,
0.3223

 1.5387, 0.4188,
0.2966

171.5081, 0.3346,
0.3228

 0.3158, 0.5853,
0.2537

211.2964, 0.3331,

 0.0000, 0.0000,

0.3233

0.0000

256.8065, 0.3319,
0.3236

■ 31.4100, 0.3514,
0.3179

■ 31.4100, 0.3514,
0.3179

■ 25.9805, 0.3746,
0.3129

■ 37.8054, 0.3325,
0.3228

■ 21.4657, 0.4029,
0.3080

■ 45.2060, 0.3172,
0.3275

■ 17.8163, 0.4365,
0.3039

■ 53.6542, 0.3048,
0.3318

■ 14.9767, 0.4749,
0.3012

■ 63.1887, 0.2947,
0.3358

■ 12.8845, 0.5163,
0.3009

■ 73.8460, 0.2865,
0.3394

■ 11.4684, 0.5570,
0.3035

■ 85.6613, 0.2798,
0.3427

■ 10.6429, 0.5921,
0.3095

■ 88.8549, 0.2727,
0.3302

■ 10.3091, 0.6109,
0.3139

■ 88.9317, 0.2721,
0.3289

Harmonies

Analogous

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



31.4100, 0.3255, 0.2977



31.4100, 0.3514, 0.3179



31.4100, 0.3668, 0.3414

Triad

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



31.4100, 0.3514, 0.3179



31.4100, 0.3266, 0.3777



31.4100, 0.2611, 0.2924

Complementary

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



31.4100, 0.3514, 0.3179



43.0822, 0.2842, 0.3405

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.



31.4100, 0.2615, 0.3126



31.4100, 0.3514, 0.3179



31.4100, 0.2985, 0.3636

Square

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



31.4100, 0.3514, 0.3179



31.4100, 0.3518, 0.3770



31.4100, 0.2749, 0.3390



31.4100, 0.2738, 0.2829

Rectangle

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



31.4100, 0.3514, 0.3179



31.4100, 0.3686, 0.3564



31.4100, 0.2749, 0.3390



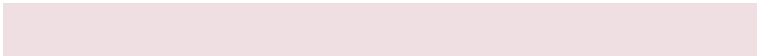
31.4100, 0.2597, 0.2981

Sweetspot

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



31.4114, 0.3514, 0.3179



76.6997, 0.3225, 0.3258



31.6716, 0.3067, 0.2703



16.3618, 0.3234, 0.3255



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



31.4114, 0.3514, 0.3179



51.7077, 0.3626, 0.3153



35.1936, 0.3562, 0.3471



9.0389, 0.3259, 0.3248



7.1119, 0.6082, 0.3124



0.2590, 0.5406, 0.2752

Inverse Universe

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



31.4114, 0.3514, 0.3179



51.7077, 0.3626, 0.3153



38.2900, 0.2772, 0.3102



9.0389, 0.3259, 0.3248



7.1119, 0.6082, 0.3124



0.2590, 0.5406, 0.2752

Previews

White Background



This preview shows how the Yxy color 31.4100, 0.3514, 0.3179 looks on a white background.

Color Contrast Check

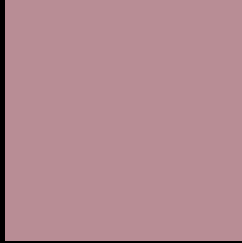
Large Text (above 18pt) WCAG AA × Fail

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 31.4100, 0.3514, 0.3179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

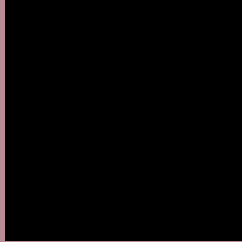
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.4100, 0.3514, 0.3179

Background



This preview shows how black text looks on a background with the Yxy color 31.4100, 0.3514, 0.3179.



This preview shows how white text looks on a background with the Yxy color 31.4100, 0.3514, 0.3179.

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

31.4100, 0.3514, 0.3179

Protanopia

31.6931, 0.3119, 0.3244

Deuteranopia

31.4406, 0.3349, 0.3276



Tritanopia

31.4745, 0.3492, 0.3152

Trichromacy



Original Color

31.4100, 0.3514, 0.3179

Protanomaly

31.4790, 0.3255, 0.3216

Deuteranomaly

31.3876, 0.3407, 0.3247

Tritanomaly

31.4421, 0.3503, 0.3165

Monochromacy



Original Color

31.4100, 0.3514, 0.3179

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.2196, 0.3263, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4100, 0.3514, 0.3179 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(184, 141, 149)` looks like.

```
.text, #text, p{  
    color:rgb(184, 141, 149)  
}
```

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(184, 141, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 141, 149) }
```

Border

The CSS property to change the border of an element to Yxy 31.4100, 0.3514, 0.3179 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(184, 141, 149) }
```

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

```
.border{ border-color:rgb(184, 141, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 141, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 141, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 141, 149);  
box-shadow:4px 4px 4px 4px rgb(184, 141,  
149) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 31.4100, 0.3514, 0.3179$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 141, 149) }
```

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

```
.background{ background-color: rgb(184,  
141, 149) }
```

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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