

Converting Colors

$Yxy(31.5395, 0.3416, 0.3197)$

Have a look what the booklet for
Yxy(31.5395, 0.3416, 0.3197)
contains.

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Color

Yxy(31.5280, 0.3410, 0.3191)

Conversions

Conversions Part 1

Format	Color
Hex	B19097
RGB	177, 144, 151
RGB Percent	69%, 56%, 59%
CMY	0.3058, 0.4353, 0.4079
CMYK	0.00, 0.19, 0.15, 0.31
HSL	347°, 17%, 63%
HSV	347°, 19%, 69%
XYZ	33.6918, 31.5280, 33.5831
YIQ	154.6650, 17.4210, 9.1730

Conversions

Conversions Part 2

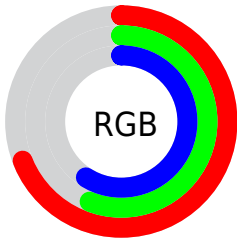
Format	Color
RYB	177, 144, 151
Decimal	11636887
CIELab	62.95, 13.55, 0.99
CIElCh	63, 13.591, 4.188
Yxy	31.5280, 0.3410, 0.3191
Android (android.graphics.Color)	4289826967 (0xFFB19097)
YUV	154.6650, -1.8068, 19.5878
Hunter-Lab	56.1498, 8.8439, 3.8436

Details

The Yxy color **31.5280, 0.3410, 0.3191** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.2815, 0.2904, 0.3392**, and the grayscale version is **32.6259, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.1196, 0.3354, 0.3214**, and **13.2106, 0.3508, 0.3171** is the 20% darker color. If you saturate the color by 10%, you get **26.1542, 0.3613, 0.3134**, and if you desaturate by 10%, it is **37.7990, 0.3245, 0.3246**.

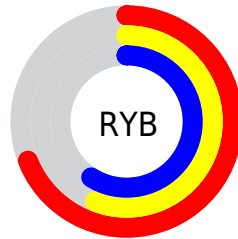
Distribution



Red (69%)

Green (56%)

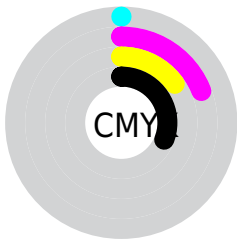
Blue (59%)



Red (69%)

Yellow (56%)

Blue (59%)

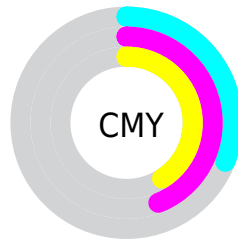


Cyan (0%)

Magenta (19%)

Yellow (15%)

Black (31%)



Cyan (31%)


Magenta (44%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.5280, 0.3410, 0.3191 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 31.5280, 0.3410, 0.3191 by changing the saturation by 10% instead.

 31.5280, 0.3410,
0.3191


 31.5280, 0.3410,
0.3191

308.9635, 0.3259,
0.3244

 21.0012, 0.3451,
0.3176


 62.0704, 0.3353,
0.3211

 13.1249, 0.3506,
0.3156


 82.8548, 0.3332,
0.3219

 7.5146, 0.3584,
0.3128


107.8273, 0.3315,
0.3225

 3.7860, 0.3702,
0.3085

137.3721, 0.3300,
0.3230

 1.5546, 0.3901,
0.3012

171.8738, 0.3288,
0.3234

 0.3267, 0.5113,
0.2604

211.7166, 0.3277,

 0.0000, 0.0000,

0.3238

0.0000

257.2851, 0.3267,
0.3241

■ 31.5280, 0.3410,
0.3191

■ 31.5280, 0.3410,
0.3191

■ 26.1542, 0.3613,
0.3134

■ 37.7990, 0.3245,
0.3246

■ 21.6325, 0.3862,
0.3078

■ 45.0012, 0.3111,
0.3297

■ 17.9201, 0.4160,
0.3026

■ 53.1722, 0.3002,
0.3344

■ 14.9689, 0.4508,
0.2986

■ 62.3460, 0.2913,
0.3387

■ 12.7256, 0.4897,
0.2965

■ 72.5552, 0.2840,
0.3426

■ 11.1301, 0.5302,
0.2974

■ 83.8308, 0.2781,
0.3461

■ 10.1120, 0.5682,
0.3018

■ 87.6872, 0.2716,
0.3358

■ 9.5493, 0.5998,
0.3090

■ 88.0885, 0.2686,
0.3289

■ 9.4851, 0.6036,
0.3099

Harmonies

Analogous

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



31.5280, 0.3208, 0.3036



31.5280, 0.3410, 0.3191



31.5280, 0.3536, 0.3374

Triad

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



31.5280, 0.3410, 0.3191



31.5280, 0.3254, 0.3665



31.5280, 0.2723, 0.3020

Complementary

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



31.5280, 0.3410, 0.3191



40.2815, 0.2904, 0.3392

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.



31.5280, 0.2735, 0.3183



31.5280, 0.3410, 0.3191



31.5280, 0.3037, 0.3566

Square

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



31.5280, 0.3410, 0.3191



31.5280, 0.3442, 0.3654



31.5280, 0.2848, 0.3385



31.5280, 0.2815, 0.2936

Rectangle

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



31.5280, 0.3410, 0.3191



31.5280, 0.3557, 0.3492



31.5280, 0.2848, 0.3385



31.5280, 0.2715, 0.3067

Sweetspot

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



31.5294, 0.3410, 0.3191



70.8097, 0.3208, 0.3259



31.6521, 0.3076, 0.2826



15.1761, 0.3217, 0.3256



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.



31.5294, 0.3410, 0.3191



52.6891, 0.3481, 0.3170



34.2607, 0.3460, 0.3424



8.5337, 0.3255, 0.3242



6.8787, 0.6011, 0.3085



0.2249, 0.5255, 0.2668

Inverse Universe

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



31.5294, 0.3410, 0.3191



52.6891, 0.3481, 0.3170



36.9836, 0.2845, 0.3152



8.5337, 0.3255, 0.3242



6.8787, 0.6011, 0.3085



0.2249, 0.5255, 0.2668

Previews

White Background



This preview shows how the Yxy color 31.5280, 0.3410, 0.3191 looks on a white background.

Color Contrast Check

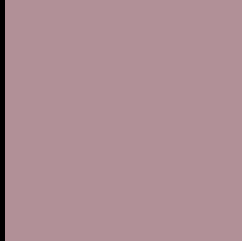
Large Text (above 18pt) WCAG AA × Fail

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 31.5280, 0.3410, 0.3191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

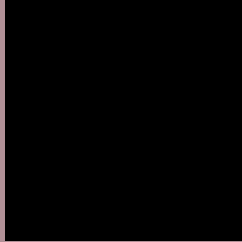
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.5280, 0.3410, 0.3191

Background



This preview shows how black text looks on a background with the Yxy color 31.5280, 0.3410, 0.3191.



This preview shows how white text looks on a background with the Yxy color 31.5280, 0.3410, 0.3191.

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

31.5280, 0.3410, 0.3191

Protanopia

31.6931, 0.3119, 0.3244

Deuteranopia

31.7066, 0.3316, 0.3261



Tritanopia

31.3586, 0.3370, 0.3120

Trichromacy



Original Color

31.5280, 0.3410, 0.3191

Protanomaly

31.5094, 0.3213, 0.3216

Deuteranomaly

31.7274, 0.3350, 0.3247

Tritanomaly

31.3251, 0.3380, 0.3134

Monochromacy



Original Color

31.5280, 0.3410, 0.3191

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.2528, 0.3221, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5280, 0.3410, 0.3191 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(177, 144, 151)` looks like.

```
.text, #text, p{  
    color:rgb(177, 144, 151)  
}
```

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(177, 144, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 144, 151) }
```

Border

The CSS property to change the border of an element to Yxy 31.5280, 0.3410, 0.3191 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(177, 144, 151) }
```

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

```
.border{ border-color:rgb(177, 144, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 144, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 144, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 144, 151);  
box-shadow:4px 4px 4px 4px rgb(177, 144,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 31.5280, 0.3410, 0.3191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 144, 151) }
```

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

```
.background{ background-color: rgb(177,  
144, 151) }
```

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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