

Converting Colors

$Y_{xy}(31.3058, 0.3892, 0.3072)$

Have a look what the booklet for
Yxy(31.3058, 0.3892, 0.3072)
contains.

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Color

Yxy(31.3316, 0.3900, 0.3079)

Conversions

Conversions Part 1

Format	Color
Hex	D38091
RGB	211, 128, 145
RGB Percent	83%, 50%, 57%
CMY	0.1727, 0.4979, 0.4314
CMYK	0.00, 0.39, 0.31, 0.17
HSL	348°, 48%, 66%
HSV	348°, 39%, 83%
XYZ	39.6860, 31.3316, 30.7414
YIQ	154.7550, 44.0110, 22.8830

Conversions

Conversions Part 2

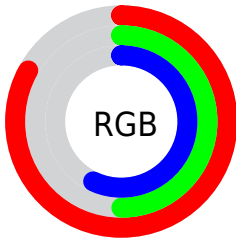
Format	Color
R _Y B	211, 128, 145
Decimal	13861009
CIE Lab	62.79, 34.11, 4.63
CIE LCh	63, 34.427, 7.735
Yxy	31.3316, 0.3900, 0.3079
Android (android.graphics.Color)	4292051089 (0xFFD38091)
YUV	154.7550, -4.8092, 49.3269
Hunter-Lab	55.9746, 28.6009, 6.6200

Details

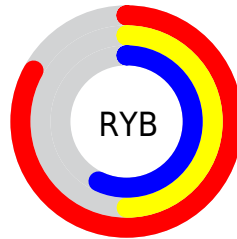
The Yxy color **31.3316, 0.3900, 0.3079** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.0571, 0.2680, 0.3519**, and the grayscale version is **32.6730, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.8394, 0.3614, 0.3115**, and **13.0040, 0.4155, 0.2994** is the 20% darker color. If you saturate the color by 10%, you get **25.9087, 0.4211, 0.3029**, and if you desaturate by 10%, it is **37.9782, 0.3641, 0.3134**.

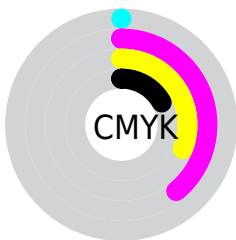
Distribution



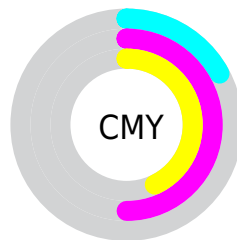
- Red (83%)
- Green (50%)
- Blue (57%)



- Red (83%)
- Yellow (50%)
- Blue (57%)



- Cyan (0%)
- Magenta (39%)
- Yellow (31%)
- Black (17%)





- Cyan (17%)
- Magenta (50%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.3316, 0.3900, 0.3079 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 31.3316, 0.3900, 0.3079 by changing the saturation by 10% instead.


 31.3316, 0.3900,
0.3079


 31.3316, 0.3900,
0.3079


308.0631, 0.3486,
0.3197


 20.8515, 0.4013,
0.3045


 61.7618, 0.3743,
0.3125

 13.0155, 0.4164,
0.2999


 82.4806, 0.3686,
0.3141

 7.4392, 0.4375,
0.2932


 107.3811, 0.3638,
0.3155

 3.7383, 0.4691,
0.2827

136.8478, 0.3599,
0.3166

 1.5283, 0.5209,
0.2645

171.2649, 0.3564,
0.3175

 0.3085, 0.7834,
0.2085

211.0169, 0.3535,

 0.0000, 1.0000,

0.3183

0.0000

256.4882, 0.3509,
0.3191

0.0000, 0.0000,
0.0000

31.3316, 0.3900,
0.3079

31.3316, 0.3900,
0.3079

25.9087, 0.4211,
0.3029

37.9782, 0.3641,
0.3134

21.6300, 0.4574,
0.2992

45.9122, 0.3429,
0.3190

18.4141, 0.4975,
0.2976

55.1986, 0.3257,
0.3243

16.1666, 0.5386,
0.2991

65.8965, 0.3119,
0.3293

14.7764, 0.5763,
0.3042

78.0614, 0.3006,
0.3340

■ 14.0593, 0.6063,
0.3119

■ 91.7462, 0.2915,
0.3382

■ 14.0192, 0.6081,
0.3124

■ 92.5836, 0.2866,
0.3289

Harmonies

Analogous

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



31.3316, 0.3382, 0.2719



31.3316, 0.3900, 0.3079



31.3316, 0.4196, 0.3503

Triad

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



31.3316, 0.3900, 0.3079



31.3316, 0.3350, 0.4272



31.3316, 0.2170, 0.2568

Complementary

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



31.3316, 0.3900, 0.3079



55.0571, 0.2680, 0.3519

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.



31.3316, 0.2164, 0.2926



31.3316, 0.3900, 0.3079



31.3316, 0.2816, 0.3982

Square

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



31.3316, 0.3900, 0.3079



31.3316, 0.3850, 0.4221



31.3316, 0.2389, 0.3453



31.3316, 0.2401, 0.2426

Rectangle

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



31.3316, 0.3900, 0.3079



31.3316, 0.4215, 0.3786



31.3316, 0.2389, 0.3453



31.3316, 0.2143, 0.2664

Sweetspot

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



31.3331, 0.3900, 0.3079



80.5369, 0.3302, 0.3228



31.4834, 0.2995, 0.2274



16.8261, 0.3324, 0.3221



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.



31.3331, 0.3900, 0.3079



41.1563, 0.4151, 0.3038



37.7057, 0.3987, 0.3587



11.8472, 0.3259, 0.3243



8.4758, 0.6048, 0.3105



0.4856, 0.5533, 0.2822

Inverse Universe

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



31.3331, 0.3900, 0.3079



41.1563, 0.4151, 0.3038



45.0311, 0.2538, 0.2966



11.8472, 0.3259, 0.3243



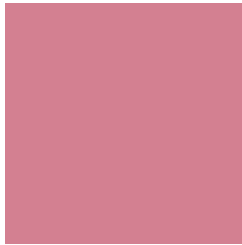
8.4758, 0.6048, 0.3105



0.4856, 0.5533, 0.2822

Previews

White Background



This preview shows how the Yxy color 31.3316, 0.3900, 0.3079 looks on a white background.

Color Contrast Check

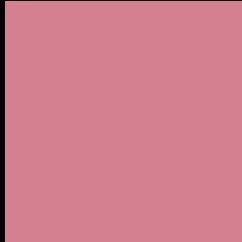
Large Text (above 18pt) WCAG AA × Fail

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 31.3316, 0.3900, 0.3079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

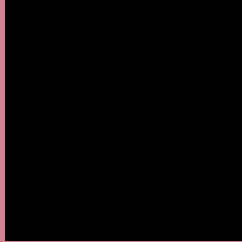
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.3316, 0.3900, 0.3079

Background



This preview shows how black text looks on a background with the Yxy color 31.3316, 0.3900, 0.3079.



This preview shows how white text looks on a background with the Yxy color 31.3316, 0.3900, 0.3079.

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

31.3316, 0.3900, 0.3079

Protanopia

31.3741, 0.3082, 0.3184

Deuteranopia

31.4784, 0.3432, 0.3364



Tritanopia

31.2662, 0.3958, 0.3166

Trichromacy



Original Color

31.3316, 0.3900, 0.3079

Protanomaly

30.9435, 0.3359, 0.3147

Deuteranomaly

31.1784, 0.3605, 0.3250

Tritanomaly

31.3252, 0.3934, 0.3141

Monochromacy



Original Color

31.3316, 0.3900, 0.3079

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.5991, 0.3386, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.3316, 0.3900, 0.3079 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(211, 128, 145)` looks like.

```
.text, #text, p{  
    color:rgb(211, 128, 145)  
}
```

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(211, 128, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 128, 145) }
```

Border

The CSS property to change the border of an element to Yxy 31.3316, 0.3900, 0.3079 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(211, 128, 145) }
```

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

```
.border{ border-color:rgb(211, 128, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 128, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 128, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 128, 145); box-shadow:4px 4px 4px 4px rgb(211, 128, 145) }
```


Background

The CSS property to change the background color of an element to Yxy 31.3316, 0.3900, 0.3079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 128, 145) }
```

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

```
.background{ background-color: rgb(211,  
128, 145) }
```

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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