

Converting Colors

Yxy(63.0021, 0.3130, 0.3048)

Have a look what the booklet for
Yxy(63.0021, 0.3130, 0.3048)
contains.

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Color

Yxy(63.3109, 0.3131, 0.3049)

Conversions

Conversions Part 1

Format	Color
Hex	DFCAE0
RGB	223, 202, 224
RGB Percent	87%, 79%, 88%
CMY	0.1254, 0.2079, 0.1215
CMYK	0.00, 0.10, 0.00, 0.12
HSL	297°, 26%, 84%
HSV	297°, 10%, 88%
XYZ	65.0136, 63.3109, 79.3203
YIQ	210.7870, 5.4540, 11.2940

Conversions

Conversions Part 2

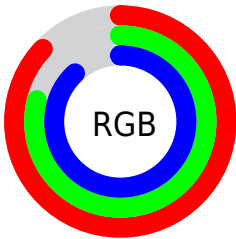
Format	Color
R _Y B	223, 202, 224
Decimal	14666464
CIE Lab	83.61, 11.21, -8.22
CIE LCh	84, 13.905, 323.739
Yxy	63.3109, 0.3131, 0.3049
Android (android.graphics.Color)	4292856544 (0xFFDFCAE0)
YUV	210.7870, 6.5140, 10.7108
Hunter-Lab	79.5681, 6.6046, -3.4076

Details

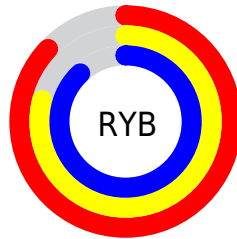
The Yxy color **63.3109, 0.3131, 0.3049** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.2735, 0.3122, 0.3542**, and the grayscale version is **64.9509, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.3692, 0.3131, 0.2990** is the 20% darker color. If you saturate the color by 10%, you get **53.3957, 0.3134, 0.2797**, and if you desaturate by 10%, it is **74.7583, 0.3127, 0.3294**.

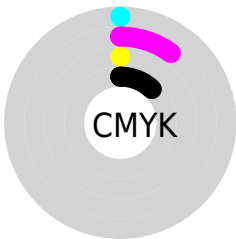
Distribution



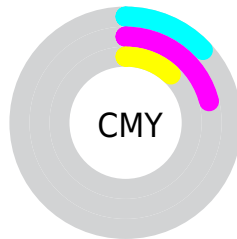
- Red (87%)
- Green (79%)
- Blue (88%)



- Red (87%)
- Yellow (79%)
- Blue (88%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (12%)





- Cyan (13%)
- Magenta (21%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.3109, 0.3131, 0.3049 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 63.3109, 0.3131, 0.3049 by changing the saturation by 10% instead.


 63.3109, 0.3131,
0.3049

 63.3109, 0.3131,
0.3049


436.6969, 0.3130,
0.3161

 46.0928, 0.3131,
0.3023

109.6179, 0.3131,
0.3088

 32.3190, 0.3131,
0.2991


139.4756, 0.3131,
0.3103

 21.6053, 0.3130,
0.2950


174.3153, 0.3131,
0.3116

 13.5672, 0.3130,
0.2897

214.5213, 0.3131,
0.3128

 7.8202, 0.3128,
0.2823

260.4781, 0.3130,
0.3138

 3.9801, 0.3124,
0.2716

312.5700, 0.3130,

 1.6625, 0.3115,

0.3146

0.2546

371.1815, 0.3130,
0.3154

0.3992, 0.3166,
0.1935

0.0000, 0.0000,
0.0000

63.3109, 0.3131,
0.3049

63.3109, 0.3131,
0.3049

53.3957, 0.3134,
0.2797

74.7583, 0.3127,
0.3294

44.9390, 0.3136,
0.2545

87.7913, 0.3123,
0.3527

37.8735, 0.3136,
0.2301

93.0747, 0.3125,
0.3609

32.1230, 0.3134,
0.2075

93.2365, 0.3131,
0.3608

27.6045, 0.3130,
0.1877

93.3993, 0.3137,
0.3608

24.2251, 0.3124,
0.1715

93.5630, 0.3143,
0.3607

21.8790, 0.3117,
0.1596

93.7277, 0.3150,
0.3606

20.4406, 0.3107,
0.1520

93.8933, 0.3156,
0.3606

19.6940, 0.3097,
0.1480

94.0598, 0.3162,
0.3605

Harmonies

Analogous

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



63.3109, 0.2961, 0.2996



63.3109, 0.3131, 0.3049



63.3109, 0.3304, 0.3161

Triad

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



63.3109, 0.3131, 0.3049



63.3109, 0.3422, 0.3562



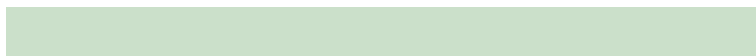
63.3109, 0.2831, 0.3260

Complementary

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



63.3109, 0.3131, 0.3049



70.2735, 0.3122, 0.3542

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.



63.3109, 0.2949, 0.3423



63.3109, 0.3131, 0.3049



63.3109, 0.3289, 0.3600

Square

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



63.3109, 0.3131, 0.3049



63.3109, 0.3475, 0.3454



63.3109, 0.3116, 0.3549



63.3109, 0.2791, 0.3112

Rectangle

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



63.3109, 0.3131, 0.3049



63.3109, 0.3397, 0.3257



63.3109, 0.3116, 0.3549



63.3109, 0.2863, 0.3315

Sweetspot

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



63.3136, 0.3131, 0.3049



95.1512, 0.3128, 0.3217



60.6954, 0.2974, 0.3050



20.0959, 0.3129, 0.3197



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.



63.3136, 0.3131, 0.3049



81.7489, 0.3132, 0.2992



62.9479, 0.3210, 0.3156



13.9029, 0.3131, 0.3059



11.4697, 0.3098, 0.1481



0.8048, 0.3117, 0.1490

Inverse Universe

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



62.3982, 0.3292, 0.3280



80.2646, 0.3336, 0.3277



70.6207, 0.3052, 0.3427



13.7104, 0.3285, 0.3280



9.2415, 0.6351, 0.3272



0.6441, 0.6209, 0.3194

Previews

White Background



This preview shows how the Yxy color 63.3109, 0.3131, 0.3049 looks on a white background.

Color Contrast Check

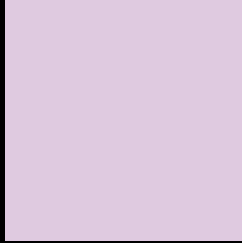
Large Text (above 18pt) WCAG AA × Fail

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 63.3109, 0.3131, 0.3049 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 63.3109, 0.3131, 0.3049

Background



This preview shows how black text looks on a background with the Yxy color 63.3109, 0.3131, 0.3049.



This preview shows how white text looks on a background with the Yxy color 63.3109, 0.3131, 0.3049.

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

63.3109, 0.3131, 0.3049

Protanopia

63.4371, 0.2991, 0.3065

Deuteranopia

63.1525, 0.3123, 0.3049



Tritanopia

63.3559, 0.3158, 0.3114

Trichromacy



Original Color

63.3109, 0.3131, 0.3049

Protanomaly

63.2998, 0.3041, 0.3056

Deuteranomaly

63.1525, 0.3123, 0.3049

Tritanomaly

63.4619, 0.3144, 0.3092

Monochromacy



Original Color

63.3109, 0.3131, 0.3049

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.5167, 0.3124, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.3109, 0.3131, 0.3049 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(223, 202, 224)` looks like.

```
.text, #text, p{  
    color:rgb(223, 202, 224)  
}
```

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(223, 202, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 202, 224) }
```

Border

The CSS property to change the border of an element to Yxy 63.3109, 0.3131, 0.3049 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(223, 202, 224) }
```

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

```
.border{ border-color:rgb(223, 202, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 202, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 202, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 202, 224);  
box-shadow:4px 4px 4px 4px rgb(223, 202,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 63.3109, 0.3131, 0.3049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 202, 224) }
```

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

```
.background{ background-color: rgb(223,  
202, 224) }
```

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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