

Converting Colors

Yxy(63.8366, 0.3141, 0.3031)

Have a look what the booklet for
Yxy(63.8366, 0.3141, 0.3031)
contains.

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Color

Yxy(63.9008, 0.3139, 0.3030)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E2CAE2 |
| RGB | 226, 202, 226 |
| RGB Percent | 89%, 79%, 89% |
| CMY | 0.1139, 0.2078, 0.1137 |
| CMYK | 0.00, 0.11, 0.00, 0.11 |
| HSL | 300°, 29%, 84% |
| HSV | 300°, 11%, 89% |
| XYZ | 66.1995, 63.9008, 80.7934 |
| YIQ | 211.9120, 6.6000, 12.5520 |

Conversions

Conversions Part 2

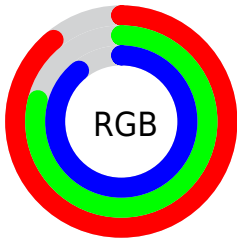
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 226, 202, 226 |
| Decimal | 14863074 |
| CIE Lab | 83.91, 12.55, -8.80 |
| CIE LCh | 84, 15.324, 324.953 |
| Yxy | 63.9008, 0.3139, 0.3030 |
| Android (android.graphics.Color) | 4293053154 (0xFFE2CAE2) |
| YUV | 211.9120, 6.9454, 12.3552 |
| Hunter-Lab | 79.9380, 7.9309, -3.9679 |

Details

The Yxy color **63.9008, 0.3139, 0.3030** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.2229, 0.3115, 0.3564**, and the grayscale version is **65.7246, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.7780, 0.3142, 0.2965** is the 20% darker color. If you saturate the color by 10%, you get **54.0546, 0.3150, 0.2780**, and if you desaturate by 10%, it is **75.3056, 0.3128, 0.3275**.

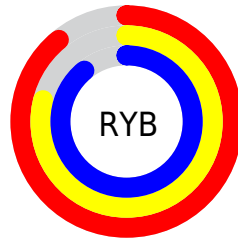
Distribution



Red (89%)

Green (79%)

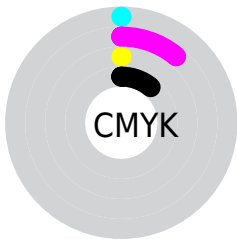
Blue (89%)



Red (89%)

Yellow (79%)

Blue (89%)

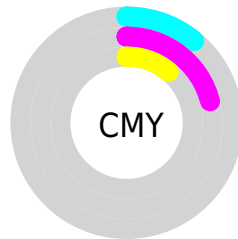


Cyan (0%)

Magenta (11%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (21%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.9008, 0.3139, 0.3030 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 63.9008, 0.3139, 0.3030 by changing the saturation by 10% instead.

 63.9008, 0.3139,
0.3030

 63.9008, 0.3139,
0.3030


438.8313, 0.3135,
0.3151

 46.5703, 0.3140,
0.3002

110.4681, 0.3138,
0.3072

 32.6961, 0.3141,
0.2968


140.4736, 0.3137,
0.3088

 21.8938, 0.3142,
0.2925


175.4731, 0.3137,
0.3102

 13.7789, 0.3142,
0.2868

215.8507, 0.3136,
0.3115

 7.9670, 0.3143,
0.2790

261.9909, 0.3136,
0.3125

 4.0738, 0.3142,
0.2677

314.2782, 0.3135,

 1.7150, 0.3138,

0.3135

0.2499

373.0969, 0.3135,
0.3143

0.4333, 0.3201,
0.1931

0.0000, 0.0000,
0.0000

63.9008, 0.3139,
0.3030

63.9008, 0.3139,
0.3030

54.0546, 0.3150,
0.2780

75.3056, 0.3128,
0.3275

45.6916, 0.3162,
0.2531

88.3238, 0.3117,
0.3510

38.7422, 0.3172,
0.2293

93.1930, 0.3114,
0.3588

33.1285, 0.3182,
0.2076

93.2002, 0.3114,
0.3588

■ 28.7645, 0.3190,
0.1889

■ 93.2074, 0.3114,
0.3588

■ 25.5548, 0.3197,
0.1739

■ 93.2146, 0.3115,
0.3588

■ 23.3897, 0.3201,
0.1632

■ 93.2218, 0.3115,
0.3588

■ 22.1388, 0.3203,
0.1568

■ 93.2290, 0.3115,
0.3588

■ 21.5874, 0.3204,
0.1539

■ 93.2361, 0.3115,
0.3588

Harmonies

Analogous

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



63.9008, 0.2951, 0.2969



63.9008, 0.3139, 0.3030



63.9008, 0.3329, 0.3155

Triad

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



63.9008, 0.3139, 0.3030



63.9008, 0.3447, 0.3592



63.9008, 0.2799, 0.3249

Complementary

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



63.9008, 0.3139, 0.3030



71.2229, 0.3115, 0.3564

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.



63.9008, 0.2925, 0.3429



63.9008, 0.3139, 0.3030



63.9008, 0.3298, 0.3631

Square

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



63.9008, 0.3139, 0.3030



63.9008, 0.3509, 0.3475



63.9008, 0.3106, 0.3571



63.9008, 0.2759, 0.3088

Rectangle

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



63.9008, 0.3139, 0.3030



63.9008, 0.3429, 0.3260



63.9008, 0.3106, 0.3571



63.9008, 0.2832, 0.3310

Sweetspot

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



63.9036, 0.3139, 0.3030



95.2130, 0.3130, 0.3217



60.4905, 0.2961, 0.3020



20.1126, 0.3131, 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.



63.9036, 0.3139, 0.3030



80.6306, 0.3142, 0.2968



63.2964, 0.3223, 0.3154



13.9342, 0.3138, 0.3059



12.3166, 0.3204, 0.1539



0.8542, 0.3205, 0.1539

Inverse Universe

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



62.6880, 0.3315, 0.3290



78.6923, 0.3365, 0.3290



71.7861, 0.3041, 0.3430



13.7010, 0.3292, 0.3290



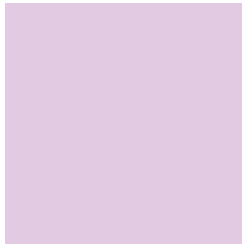
9.2250, 0.6399, 0.3298



0.6396, 0.6392, 0.3295

Previews

White Background



This preview shows how the Yxy color 63.9008, 0.3139, 0.3030 looks on a white background.

Color Contrast Check

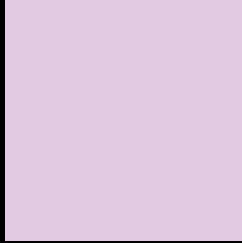
Large Text (above 18pt) WCAG AA × Fail

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 63.9008, 0.3139, 0.3030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

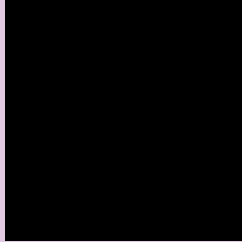
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.9008, 0.3139, 0.3030

Background



This preview shows how black text looks on a background with the Yxy color 63.9008, 0.3139, 0.3030.



This preview shows how white text looks on a background with the Yxy color 63.9008, 0.3139, 0.3030.

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

63.9008, 0.3139, 0.3030

Protanopia

64.0903, 0.2971, 0.3043

Deuteranopia

63.7325, 0.3109, 0.3038



Tritanopia

63.8339, 0.3181, 0.3115

Trichromacy



Original Color

63.9008, 0.3139, 0.3030

Protanomaly

64.0959, 0.3028, 0.3035

Deuteranomaly

63.8908, 0.3116, 0.3039

Tritanomaly

63.9933, 0.3160, 0.3083

Monochromacy



Original Color

63.9008, 0.3139, 0.3030

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.8732, 0.3132, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9008, 0.3139, 0.3030 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(226, 202, 226)` looks like.

```
.text, #text, p{  
    color:rgb(226, 202, 226)  
}
```

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(226, 202, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 202, 226) }
```

Border

The CSS property to change the border of an element to Yxy 63.9008, 0.3139, 0.3030 is called "border". The border property can be set on classes, ids or directly on the HTML element.

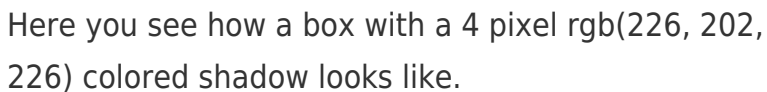
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 202, 226) }
```

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

```
.border{ border-color:rgb(226, 202, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(226, 202, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 202, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 202, 226); box-shadow:4px 4px 4px 4px rgb(226, 202, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9008, 0.3139, 0.3030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 202, 226) }
```

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

```
.background{ background-color: rgb(226,  
202, 226) }
```

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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