

Converting Colors

$Yxy(68.1874, 0.3164, 0.3129)$

Have a look what the booklet for
Yxy(68.1874, 0.3164, 0.3129)
contains.

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Color

Yxy(68.1874, 0.3164, 0.3129)

Conversions

Conversions Part 1

Format	Color
Hex	E5D2E1
RGB	229, 210, 225
RGB Percent	90%, 82%, 88%
CMY	0.1020, 0.1764, 0.1175
CMYK	0.00, 0.08, 0.02, 0.10
HSL	313°, 27%, 86%
HSV	313°, 8%, 90%
XYZ	68.9501, 68.1874, 80.7832
YIQ	217.3910, 6.5090, 8.6930

Conversions

Conversions Part 2

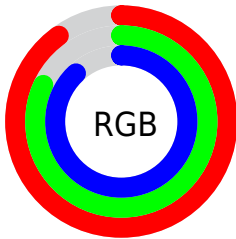
Format	Color
R _Y B	229, 210, 225
Decimal	15061729
CIE Lab	86.10, 9.18, -5.02
CIE LCh	86, 10.463, 331.308
Yxy	68.1874, 0.3164, 0.3129
Android (android.graphics.Color)	4293251809 (0xFFE5D2E1)
YUV	217.3910, 3.7512, 10.1811
Hunter-Lab	82.5757, 4.5389, -0.2000

Details

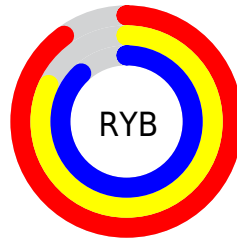
The Yxy color **68.1874, 0.3164, 0.3129** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.5871, 0.3092, 0.3456**, and the grayscale version is **69.6423, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.5635, 0.3166, 0.3095** is the 20% darker color. If you saturate the color by 10%, you get **57.4235, 0.3215, 0.2928**, and if you desaturate by 10%, it is **80.5823, 0.3120, 0.3322**.

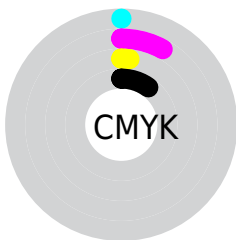
Distribution



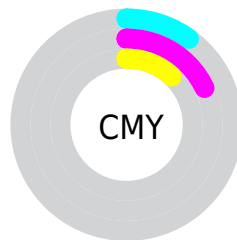
- Red (90%)
- Green (82%)
- Blue (88%)



- Red (90%)
- Yellow (82%)
- Blue (88%)



- Cyan (0%)
- Magenta (8%)
- Yellow (2%)
- Black (10%)




- Cyan (10%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.1874, 0.3164, 0.3129 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 68.1874, 0.3164, 0.3129 by changing the saturation by 10% instead.


 68.1874, 0.3164,
0.3129

 68.1874, 0.3164,
0.3129


454.1597, 0.3147,
0.3204

 50.0502, 0.3168,
0.3112

116.6202, 0.3158,
0.3155

 35.4533, 0.3172,
0.3091


147.6846, 0.3156,
0.3165

 24.0123, 0.3178,
0.3064


183.8268, 0.3154,
0.3174

 15.3427, 0.3186,
0.3029

225.4313, 0.3152,
0.3181

 9.0603, 0.3196,
0.2982

272.8825, 0.3151,
0.3188

 4.7805, 0.3210,
0.2913

326.5646, 0.3149,

 2.1191, 0.3232,

0.3194

386.8623, 0.3148,
0.3199

0.2805

0.6753, 0.3289,
0.2565

0.0000, 0.0000,
0.0000

68.1874, 0.3164,
0.3129

68.1874, 0.3164,
0.3129

57.4235, 0.3215,
0.2928

80.5823, 0.3120,
0.3322

48.2132, 0.3273,
0.2723

94.1495, 0.3083,
0.3497

40.4863, 0.3339,
0.2522

94.4284, 0.3056,
0.3448

34.1635, 0.3412,
0.2333

94.7147, 0.3030,
0.3399

■ 29.1582, 0.3490,
0.2165

■ 95.0086, 0.3003,
0.3351

■ 25.3743, 0.3572,
0.2029

■ 95.3100, 0.2977,
0.3303

■ 22.7022, 0.3655,
0.1934

■ 95.3958, 0.2970,
0.3290

■ 21.0131, 0.3737,
0.1885

■ 20.1219, 0.3815,
0.1881

Harmonies

Analogous

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



68.1874, 0.3035, 0.3077



68.1874, 0.3164, 0.3129



68.1874, 0.3285, 0.3221

Triad

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



68.1874, 0.3164, 0.3129



68.1874, 0.3324, 0.3503



68.1874, 0.2895, 0.3240

Complementary

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



68.1874, 0.3164, 0.3129



74.5871, 0.3092, 0.3456

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.



68.1874, 0.2970, 0.3358



68.1874, 0.3164, 0.3129



68.1874, 0.3216, 0.3513

Square

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



68.1874, 0.3164, 0.3129



68.1874, 0.3379, 0.3436



68.1874, 0.3087, 0.3460



68.1874, 0.2882, 0.3138

Rectangle

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



68.1874, 0.3164, 0.3129



68.1874, 0.3345, 0.3295



68.1874, 0.3087, 0.3460



68.1874, 0.2914, 0.3279

Sweetspot

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



68.1904, 0.3164, 0.3129



96.7208, 0.3136, 0.3252



66.0194, 0.3026, 0.3080



20.7366, 0.3135, 0.3253



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.



68.1904, 0.3164, 0.3129



84.4582, 0.3172, 0.3094



67.6948, 0.3230, 0.3229



14.5611, 0.3170, 0.3106



11.4564, 0.3817, 0.1876



0.8596, 0.3711, 0.1818

Inverse Universe

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



68.1904, 0.3164, 0.3129



84.4582, 0.3172, 0.3094



75.0775, 0.3034, 0.3352



14.5611, 0.3170, 0.3106



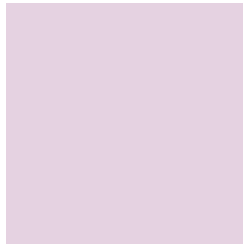
11.4564, 0.3817, 0.1876



0.8596, 0.3711, 0.1818

Previews

White Background



This preview shows how the Yxy color 68.1874, 0.3164, 0.3129 looks on a white background.

Color Contrast Check

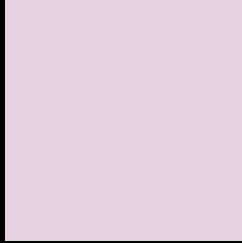
Large Text (above 18pt) WCAG AA × Fail

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 68.1874, 0.3164, 0.3129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

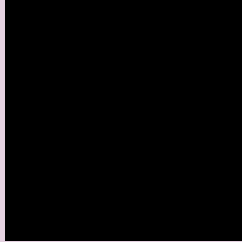
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

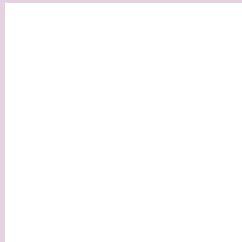
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.1874, 0.3164, 0.3129

Background



This preview shows how black text looks on a background with the Yxy color 68.1874, 0.3164, 0.3129.

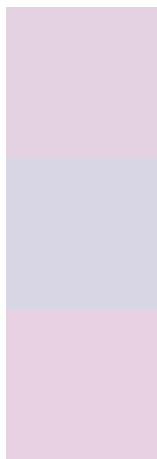


This preview shows how white text looks on a background with the Yxy color 68.1874, 0.3164, 0.3129.

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

68.1874, 0.3164, 0.3129

Protanopia

68.2935, 0.3048, 0.3136

Deuteranopia

68.1930, 0.3187, 0.3120



Tritanopia

68.2422, 0.3157, 0.3119

Trichromacy



Original Color

68.1874, 0.3164, 0.3129

Protanomaly

68.5067, 0.3091, 0.3138

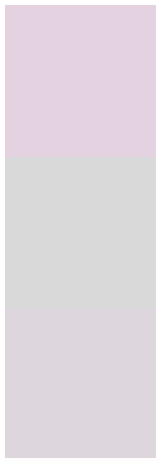
Deuteranomaly

68.0261, 0.3180, 0.3119

Tritanomaly

68.2422, 0.3157, 0.3119

Monochromacy



Original Color

68.1874, 0.3164, 0.3129

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.6326, 0.3138, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.1874, 0.3164, 0.3129 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(229, 210, 225)` looks like.

```
.text, #text, p{  
    color:rgb(229, 210, 225)  
}
```

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(229, 210, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 210, 225) }
```

Border

The CSS property to change the border of an element to Yxy 68.1874, 0.3164, 0.3129 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(229, 210, 225) }
```

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

```
.border{ border-color:rgb(229, 210, 225) }
```

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

Here you see how a box with a 4 pixel rgb(229, 210, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 210, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 210, 225);  
box-shadow:4px 4px 4px 4px rgb(229, 210,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 68.1874, 0.3164, 0.3129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 210, 225) }
```

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

```
.background{ background-color: rgb(229,  
210, 225) }
```

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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