

Converting Colors

Yxy(68.0143, 0.3147, 0.2943)

Have a look what the booklet for
Yxy(68.0143, 0.3147, 0.2943)
contains.

Yxy(68.1864, 0.3151, 0.2949)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(68.1864, 0.3151, 0.2949)

Conversions

Conversions Part 1

Format	Color
Hex	EFCDEE
RGB	239, 205, 238
RGB Percent	94%, 80%, 93%
CMY	0.0627, 0.1960, 0.0668
CMYK	0.00, 0.14, 0.00, 0.06
HSL	302°, 52%, 87%
HSV	302°, 14%, 94%
XYZ	72.8570, 68.1864, 90.1753
YIQ	218.9280, 9.6710, 17.4710

Conversions

Conversions Part 2

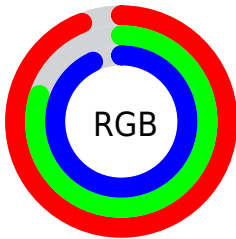
Format	Color
R _Y B	239, 205, 238
Decimal	15715822
CIE Lab	86.10, 17.51, -11.79
CIE LCh	86, 21.107, 326.058
Yxy	68.1864, 0.3151, 0.2949
Android (android.graphics.Color)	4293905902 (0xFFEFCDEE)
YUV	218.9280, 9.4025, 17.6031
Hunter-Lab	82.5751, 12.9865, -6.9445

Details

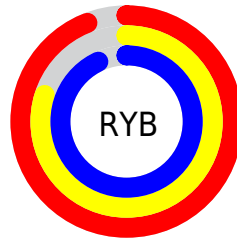
The Yxy color **68.1864, 0.3151, 0.2949** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.1777, 0.3103, 0.3656**, and the grayscale version is **70.7156, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.5779, 0.3156, 0.2877** is the 20% darker color. If you saturate the color by 10%, you get **57.5708, 0.3169, 0.2704**, and if you desaturate by 10%, it is **80.5547, 0.3134, 0.3190**.

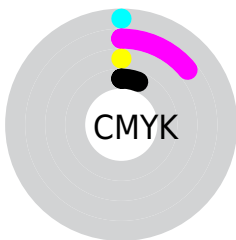
Distribution



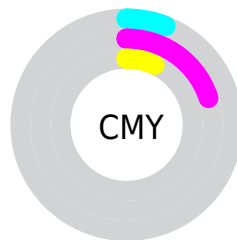
- Red (94%)
- Green (80%)
- Blue (93%)



- Red (94%)
- Yellow (80%)
- Blue (93%)



- Cyan (0%)
- Magenta (14%)
- Yellow (0%)
- Black (6%)





- Cyan (6%)
- Magenta (20%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.1864, 0.3151, 0.2949 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 68.1864, 0.3151, 0.2949 by changing the saturation by 10% instead.

 68.1864, 0.3151,
0.2949

 68.1864, 0.3151,
0.2949


454.1562, 0.3142,
0.3104

 50.0494, 0.3153,
0.2914

116.6188, 0.3148,
0.3002

 35.4526, 0.3155,
0.2871


147.6829, 0.3147,
0.3023

 24.0118, 0.3157,
0.2818


183.8249, 0.3146,
0.3041

 15.3423, 0.3159,
0.2748

225.4291, 0.3145,
0.3057

 9.0600, 0.3161,
0.2655

272.8799, 0.3144,
0.3071

 4.7803, 0.3162,
0.2523

326.5618, 0.3143,

 2.1190, 0.3159,

0.3083

386.8591, 0.3142,
0.3094

0.2325

0.6753, 0.3155,
0.1954

0.0000, 0.0460,
0.0000

68.1864, 0.3151,
0.2949

68.1864, 0.3151,
0.2949

57.5708, 0.3169,
0.2704

80.5547, 0.3134,
0.3190

48.6200, 0.3188,
0.2464

94.7408, 0.3118,
0.3423

41.2519, 0.3207,
0.2237

96.1740, 0.3113,
0.3437

35.3740, 0.3226,
0.2034

96.2181, 0.3109,
0.3429

30.8841, 0.3243,
0.1862

96.2624, 0.3105,
0.3422

27.6672, 0.3259,
0.1731

96.3069, 0.3100,
0.3415

25.5899, 0.3272,
0.1643

96.3516, 0.3096,
0.3407

24.4892, 0.3284,
0.1598

96.3964, 0.3092,
0.3400

24.1562, 0.3289,
0.1586

96.4414, 0.3088,
0.3392

Harmonies

Analogous

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



68.1864, 0.2898, 0.2864



68.1864, 0.3151, 0.2949



68.1864, 0.3407, 0.3116

Triad

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



68.1864, 0.3151, 0.2949



68.1864, 0.3551, 0.3700



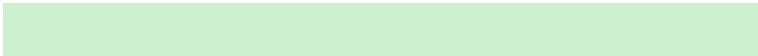
68.1864, 0.2684, 0.3223

Complementary

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



68.1864, 0.3151, 0.2949



79.1777, 0.3103, 0.3656

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.



68.1864, 0.2846, 0.3469



68.1864, 0.3151, 0.2949



68.1864, 0.3346, 0.3752

Square

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



68.1864, 0.3151, 0.2949



68.1864, 0.3643, 0.3541



68.1864, 0.3087, 0.3668



68.1864, 0.2636, 0.3009

Rectangle

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



68.1864, 0.3151, 0.2949



68.1864, 0.3542, 0.3255



68.1864, 0.3087, 0.3668



68.1864, 0.2727, 0.3305

Sweetspot

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



68.1894, 0.3151, 0.2949



93.6435, 0.3134, 0.3195



62.9602, 0.2902, 0.2912



19.7959, 0.3135, 0.3178



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.



68.1894, 0.3151, 0.2949



75.3060, 0.3156, 0.2880



67.2629, 0.3269, 0.3117



16.0225, 0.3143, 0.3064



13.3519, 0.3288, 0.1585



1.1134, 0.3277, 0.1579

Inverse Universe

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



68.1894, 0.3151, 0.2949



75.3060, 0.3156, 0.2880



80.0233, 0.3005, 0.3470



16.0225, 0.3143, 0.3064



13.3519, 0.3288, 0.1585



1.1134, 0.3277, 0.1579

Previews

White Background



This preview shows how the Yxy color 68.1864, 0.3151, 0.2949 looks on a white background.

Color Contrast Check

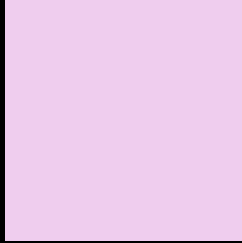
Large Text (above 18pt) WCAG AA × Fail

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 68.1864, 0.3151, 0.2949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

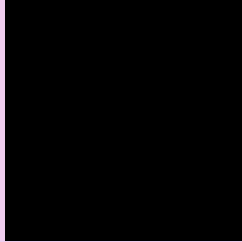
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.1864, 0.3151, 0.2949

Background



This preview shows how black text looks on a background with the Yxy color 68.1864, 0.3151, 0.2949.



This preview shows how white text looks on a background with the Yxy color 68.1864, 0.3151, 0.2949.

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

68.1864, 0.3151, 0.2949

Protanopia

68.4737, 0.2911, 0.2965

Deuteranopia

68.5385, 0.3068, 0.3003



Tritanopia

68.0120, 0.3233, 0.3111

Trichromacy



Original Color

68.1864, 0.3151, 0.2949

Protanomaly

68.3715, 0.2992, 0.2959

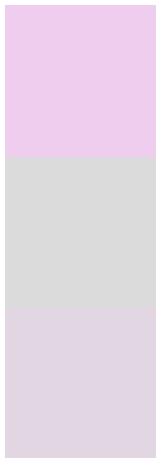
Deuteranomaly

68.2151, 0.3097, 0.2984

Tritanomaly

67.9769, 0.3206, 0.3049

Monochromacy



Original Color

68.1864, 0.3151, 0.2949

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

69.7529, 0.3133, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.1864, 0.3151, 0.2949 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(239, 205, 238)` looks like.

```
.text, #text, p{  
    color:rgb(239, 205, 238)  
}
```

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(239, 205, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 205, 238) }
```

Border

The CSS property to change the border of an element to Yxy 68.1864, 0.3151, 0.2949 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(239, 205, 238) }
```

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

```
.border{ border-color:rgb(239, 205, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 205, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 205, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 205, 238);  
box-shadow:4px 4px 4px 4px rgb(239, 205,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 68.1864, 0.3151, 0.2949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 205, 238) }
```

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

```
.background{ background-color: rgb(239,  
205, 238) }
```

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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