

Converting Colors

$Yxy(58.8294, 0.3228, 0.2896)$

Have a look what the booklet for
Yxy(58.8294, 0.3228, 0.2896)
contains.

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Color

Yxy(59.0104, 0.3234, 0.2905)

Conversions

Conversions Part 1

Format	Color
Hex	EBBCE0
RGB	235, 188, 224
RGB Percent	92%, 74%, 88%
CMY	0.0785, 0.2627, 0.1217
CMYK	0.00, 0.20, 0.05, 0.08
HSL	314°, 54%, 83%
HSV	314°, 20%, 92%
XYZ	65.6935, 59.0104, 78.4300
YIQ	206.1570, 16.4560, 21.1600

Conversions

Conversions Part 2

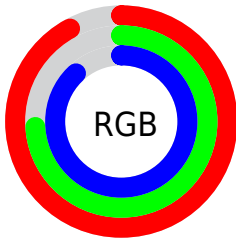
Format	Color
R _Y B	235, 188, 224
Decimal	15449312
CIE _{Lab}	81.30, 22.69, -11.53
CIE _{LCh}	81, 25.453, 333.068
Yxy	59.0104, 0.3234, 0.2905
Android (android.graphics.Color)	4293639392 (0xFFEBBCE0)
YUV	206.1570, 8.7966, 25.2953
Hunter-Lab	76.8182, 18.2180, -6.7612

Details

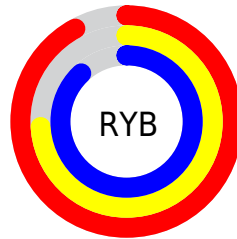
The Yxy color $59.0104, 0.3234, 0.2905$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $74.2298, 0.3035, 0.3708$, and the grayscale version is $61.7625, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.1814, 0.3132, 0.3185$, and $29.4985, 0.3258, 0.2804$ is the 20% darker color. If you saturate the color by 10%, you get $49.4821, 0.3300, 0.2706$, and if you desaturate by 10%, it is $70.1883, 0.3176, 0.3101$.

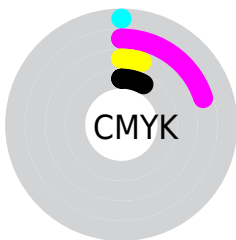
Distribution



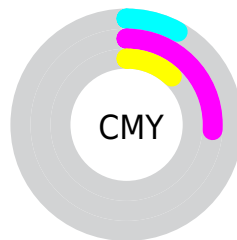
- Red (92%)
- Green (74%)
- Blue (88%)



- Red (92%)
- Yellow (74%)
- Blue (88%)



- Cyan (0%)
- Magenta (20%)
- Yellow (5%)
- Black (8%)





- Cyan (8%)
- Magenta (26%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0104, 0.3234, 0.2905 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 59.0104, 0.3234, 0.2905 by changing the saturation by 10% instead.


 59.0104, 0.3234,
0.2905

 59.0104, 0.3234,
0.2905


420.9405, 0.3185,
0.3084

 42.6215, 0.3245,
0.2864


 103.3928, 0.3217,
0.2967

 29.5882, 0.3258,
0.2813

132.1550, 0.3211,
0.2991

 19.5263, 0.3275,
0.2749


165.8105, 0.3205,
0.3012

 12.0512, 0.3296,
0.2664

204.7437, 0.3200,
0.3030

 6.7785, 0.3325,
0.2549

249.3388, 0.3196,
0.3046

 3.3240, 0.3364,
0.2382

299.9804, 0.3192,

 1.3031, 0.3422,

0.3060

0.2121

357.0528, 0.3189,
0.3073

0.1436, 0.3843,
0.0799

0.0000, 0.0000,
0.0000

59.0104, 0.3234,
0.2905

59.0104, 0.3234,
0.2905

49.4821, 0.3300,
0.2706

70.1883, 0.3176,
0.3101

41.5164, 0.3375,
0.2512

83.0816, 0.3127,
0.3290

35.0304, 0.3458,
0.2330

95.5022, 0.3086,
0.3434

29.9300, 0.3548,
0.2171

95.8357, 0.3055,
0.3379

■ 26.1107, 0.3642,
0.2045

■ 96.1792, 0.3025,
0.3324

■ 23.4528, 0.3737,
0.1962

■ 96.4008, 0.3005,
0.3290

■ 21.8140, 0.3831,
0.1926

■ 20.9520, 0.3921,
0.1933

■ 20.9514, 0.3921,
0.1934

Harmonies

Analogous

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



59.0104, 0.2905, 0.2772



59.0104, 0.3234, 0.2905



59.0104, 0.3548, 0.3128

Triad

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



59.0104, 0.3234, 0.2905



59.0104, 0.3611, 0.3837



59.0104, 0.2544, 0.3130

Complementary

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



59.0104, 0.3234, 0.2905



74.2298, 0.3035, 0.3708

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.



59.0104, 0.2714, 0.3444



59.0104, 0.3234, 0.2905



59.0104, 0.3326, 0.3871

Square

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



59.0104, 0.3234, 0.2905



59.0104, 0.3770, 0.3656



59.0104, 0.2997, 0.3726



59.0104, 0.2521, 0.2884

Rectangle

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



59.0104, 0.3234, 0.2905



59.0104, 0.3699, 0.3306



59.0104, 0.2997, 0.3726



59.0104, 0.2585, 0.3231

Sweetspot

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



59.0130, 0.3234, 0.2905



90.3947, 0.3156, 0.3177



54.1081, 0.2874, 0.2751



19.1343, 0.3159, 0.3165



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.



59.0130, 0.3234, 0.2905



66.0845, 0.3260, 0.2823



57.8280, 0.3421, 0.3153



15.2498, 0.3174, 0.3111



11.6820, 0.3907, 0.1926



0.9319, 0.3790, 0.1861

Inverse Universe

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



59.0130, 0.3234, 0.2905



66.0845, 0.3260, 0.2823



75.4037, 0.2899, 0.3432



15.2498, 0.3174, 0.3111



11.6820, 0.3907, 0.1926



0.9319, 0.3790, 0.1861

Previews

White Background



This preview shows how the Yxy color 59.0104, 0.3234, 0.2905 looks on a white background.

Color Contrast Check

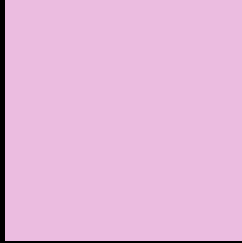
Large Text (above 18pt) WCAG AA × Fail

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 59.0104, 0.3234, 0.2905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

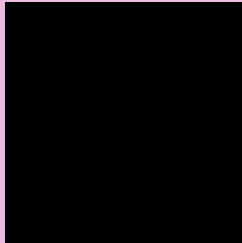
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.0104, 0.3234, 0.2905

Background



This preview shows how black text looks on a background with the Yxy color 59.0104, 0.3234, 0.2905.



This preview shows how white text looks on a background with the Yxy color 59.0104, 0.3234, 0.2905.

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

59.0104, 0.3234, 0.2905

Protanopia

59.4698, 0.2885, 0.2934

Deuteranopia

59.3526, 0.3071, 0.3008



Tritanopia

59.0415, 0.3356, 0.3126

Trichromacy



Original Color

59.0104, 0.3234, 0.2905

Protanomaly

58.9859, 0.3007, 0.2919

Deuteranomaly

59.2834, 0.3127, 0.2969

Tritanomaly

59.1234, 0.3310, 0.3041

Monochromacy



Original Color

59.0104, 0.3234, 0.2905

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.4027, 0.3166, 0.3132

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0104, 0.3234, 0.2905 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(235, 188, 224)` looks like.

```
.text, #text, p{  
    color:rgb(235, 188, 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(235, 188, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 188, 224) }
```

Border

The CSS property to change the border of an element to Yxy 59.0104, 0.3234, 0.2905 is called "border". The border property can be set on classes, ids or directly on the HTML element.

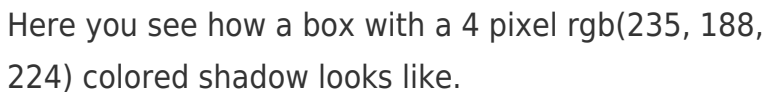
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 188, 224) }
```

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

```
.border{ border-color:rgb(235, 188, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(235, 188, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 188, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 188, 224);  
box-shadow:4px 4px 4px 4px rgb(235, 188,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0104, 0.3234, 0.2905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 188, 224) }
```

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

```
.background{ background-color: rgb(235,  
188, 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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