

Converting Colors

Yxy(59.3448, 0.3278, 0.2905)

Have a look what the booklet for
Yxy(59.3448, 0.3278, 0.2905)
contains.

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Color

Yxy(59.3936, 0.3283, 0.2909)

Conversions

Conversions Part 1

Format	Color
Hex	F0BBDF
RGB	240, 187, 223
RGB Percent	94%, 73%, 87%
CMY	0.0588, 0.2667, 0.1255
CMYK	0.00, 0.22, 0.07, 0.06
HSL	319°, 64%, 84%
HSV	319°, 22%, 94%
XYZ	67.0296, 59.3936, 77.7487
YIQ	206.9510, 20.0320, 22.4320

Conversions

Conversions Part 2

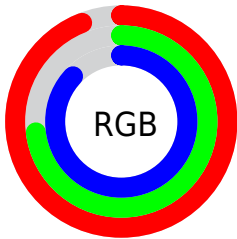
Format	Color
R _Y B	240, 187, 223
Decimal	15776735
CIE Lab	81.51, 24.76, -10.65
CIE LCh	82, 26.954, 336.738
Yxy	59.3936, 0.3283, 0.2909
Android (android.graphics.Color)	4293966815 (0xFFFF0BBDF)
YUV	206.9510, 7.9122, 28.9840
Hunter-Lab	77.0672, 20.3836, -5.8672

Details

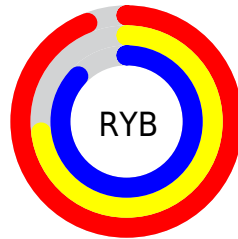
The Yxy color **59.3936, 0.3283, 0.2909** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.2548, 0.3000, 0.3704**, and the grayscale version is **62.3046, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5812, 0.3133, 0.3175**, and **29.6695, 0.3313, 0.2810** is the 20% darker color. If you saturate the color by 10%, you get **49.6435, 0.3374, 0.2730**, and if you desaturate by 10%, it is **70.8697, 0.3205, 0.3086**.

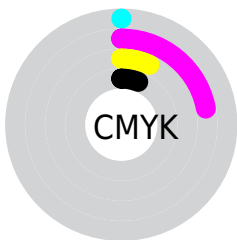
Distribution



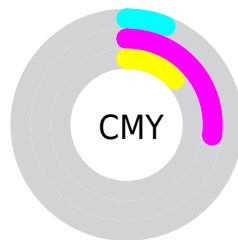
- Red (94%)
- Green (73%)
- Blue (87%)



- Red (94%)
- Yellow (73%)
- Blue (87%)



- Cyan (0%)
- Magenta (22%)
- Yellow (7%)
- Black (6%)





- Cyan (6%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3936, 0.3283, 0.2909 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 59.3936, 0.3283, 0.2909 by changing the saturation by 10% instead.

 59.3936, 0.3283,
0.2909

 59.3936, 0.3283,
0.2909


422.3590, 0.3211,
0.3086

 42.9300, 0.3299,
0.2868


 103.9495, 0.3258,
0.2970

 29.8302, 0.3320,
0.2818


132.8106, 0.3248,
0.2994

 19.7098, 0.3345,
0.2755


166.5731, 0.3240,
0.3015

 12.1842, 0.3379,
0.2671

205.6213, 0.3233,
0.3033

 6.8693, 0.3424,
0.2558

250.3396, 0.3226,
0.3049

 3.3805, 0.3489,
0.2394

301.1123, 0.3221,

 1.3335, 0.3589,

0.3062

0.2138

358.3240, 0.3216,
0.3075

0.1669, 0.4112,
0.0899

0.0000, 0.0000,
0.0000

59.3936, 0.3283,
0.2909

59.3936, 0.3283,
0.2909

49.6435, 0.3374,
0.2730

70.8697, 0.3205,
0.3086

41.5268, 0.3478,
0.2556

84.1428, 0.3140,
0.3256

34.9540, 0.3595,
0.2394

96.7087, 0.3085,
0.3377

29.8240, 0.3723,
0.2256

97.1917, 0.3042,
0.3301

■ 26.0235, 0.3860,
0.2153

■ 97.2683, 0.3035,
0.3290

■ 23.4219, 0.4000,
0.2095

■ 21.8623, 0.4139,
0.2087

■ 21.1733, 0.4246,
0.2112

Harmonies

Analogous

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



59.3936, 0.2932, 0.2756



59.3936, 0.3283, 0.2909



59.3936, 0.3606, 0.3152

Triad

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



59.3936, 0.3283, 0.2909



59.3936, 0.3607, 0.3882



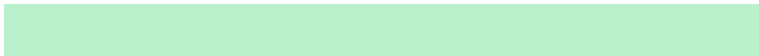
59.3936, 0.2501, 0.3082

Complementary

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



59.3936, 0.3283, 0.2909



77.2548, 0.3000, 0.3704

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.



59.3936, 0.2661, 0.3411



59.3936, 0.3283, 0.2909



59.3936, 0.3294, 0.3897

Square

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



59.3936, 0.3283, 0.2909



59.3936, 0.3795, 0.3704



59.3936, 0.2948, 0.3722



59.3936, 0.2497, 0.2837

Rectangle

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



59.3936, 0.3283, 0.2909



59.3936, 0.3753, 0.3341



59.3936, 0.2948, 0.3722



59.3936, 0.2538, 0.3187

Sweetspot

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



59.3962, 0.3283, 0.2909



88.7719, 0.3171, 0.3173



54.6394, 0.2875, 0.2693



18.8041, 0.3175, 0.3163



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.



59.3962, 0.3283, 0.2909



62.3193, 0.3327, 0.2820



58.0864, 0.3496, 0.3185



15.9401, 0.3187, 0.3131



11.6141, 0.4225, 0.2101



0.9842, 0.4057, 0.2009

Inverse Universe

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



59.3962, 0.3283, 0.2909



62.3193, 0.3327, 0.2820



78.6247, 0.2852, 0.3398



15.9401, 0.3187, 0.3131



11.6141, 0.4225, 0.2101



0.9842, 0.4057, 0.2009

Previews

White Background



This preview shows how the Yxy color 59.3936, 0.3283, 0.2909 looks on a white background.

Color Contrast Check

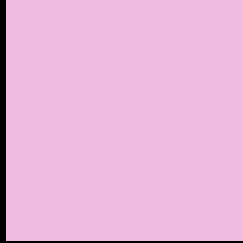
Large Text (above 18pt) WCAG AA × Fail

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 59.3936, 0.3283, 0.2909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

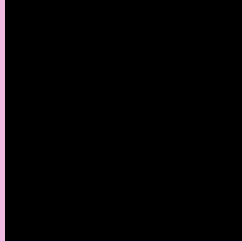
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.3936, 0.3283, 0.2909

Background



This preview shows how black text looks on a background with the Yxy color 59.3936, 0.3283, 0.2909.



This preview shows how white text looks on a background with the Yxy color 59.3936, 0.3283, 0.2909.

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

59.3936, 0.3283, 0.2909

Protanopia

59.6053, 0.2892, 0.2935

Deuteranopia

59.4491, 0.3086, 0.3020



Tritanopia

59.4118, 0.3406, 0.3128

Trichromacy



Original Color

59.3936, 0.3283, 0.2909

Protanomaly

59.2831, 0.3022, 0.2921

Deuteranomaly

59.1018, 0.3150, 0.2970

Tritanomaly

59.4994, 0.3360, 0.3044

Monochromacy



Original Color

59.3936, 0.3283, 0.2909

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.1727, 0.3181, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3936, 0.3283, 0.2909 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(240, 187, 223)` looks like.

```
.text, #text, p{  
    color:rgb(240, 187, 223)  
}
```

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(240, 187, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 187, 223) }
```

Border

The CSS property to change the border of an element to Yxy 59.3936, 0.3283, 0.2909 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(240, 187, 223) }
```

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

```
.border{ border-color:rgb(240, 187, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 187, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 187, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 187, 223);  
box-shadow:4px 4px 4px 4px rgb(240, 187,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3936, 0.3283, 0.2909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 187, 223) }
```

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

```
.background{ background-color: rgb(240,  
187, 223) }
```

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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