

Converting Colors

$Y_{xy}(59.8940, 0.3250, 0.2809)$

Have a look what the booklet for
Yxy(59.8940, 0.3250, 0.2809)
contains.

Yxy(59.7572, 0.3247, 0.2803)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.7572, 0.3247, 0.2803)

Conversions

Conversions Part 1

Format	Color
Hex	F4B9E8
RGB	244, 185, 232
RGB Percent	96%, 73%, 91%
CMY	0.0431, 0.2745, 0.0903
CMYK	0.00, 0.24, 0.05, 0.04
HSL	312°, 73%, 84%
HSV	312°, 24%, 96%
XYZ	69.2228, 59.7572, 84.2101
YIQ	207.9990, 20.0770, 27.1250

Conversions

Conversions Part 2

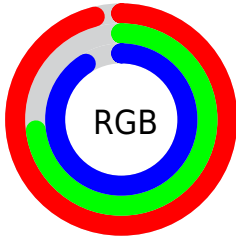
Format	Color
R_{YB}	244, 185, 232
Decimal	16038376
CIE _{Lab}	81.71, 28.71, -15.12
CIE _{LCh}	82, 32.449, 332.220
Yxy	59.7572, 0.3247, 0.2803
Android (android.graphics.Color)	4294228456 (0xFFFF4B9E8)
YUV	207.9990, 11.8325, 31.5729
Hunter-Lab	77.3028, 24.5627, -10.4759

Details

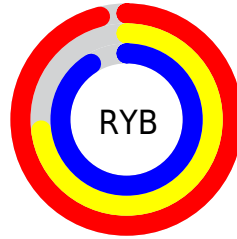
The Yxy color $59.7572, 0.3247, 0.2803$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $79.0575, 0.3027, 0.3832$, and the grayscale version is $62.9896, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.3906, 0.3133, 0.3156$, and $29.9320, 0.3274, 0.2689$ is the 20% darker color. If you saturate the color by 10%, you get $50.1324, 0.3309, 0.2598$, and if you desaturate by 10%, it is $71.1473, 0.3192, 0.3009$.

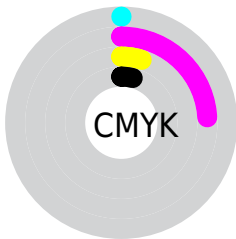
Distribution



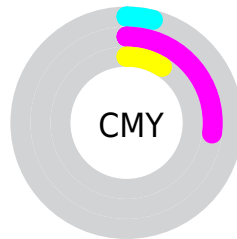
- Red (96%)
- Green (73%)
- Blue (91%)



- Red (96%)
- Yellow (73%)
- Blue (91%)



- Cyan (0%)
- Magenta (24%)
- Yellow (5%)
- Black (4%)





- Cyan (4%)
- Magenta (27%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.7572, 0.3247, 0.2803 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 59.7572, 0.3247, 0.2803 by changing the saturation by 10% instead.


 59.7572, 0.3247,
0.2803

 59.7572, 0.3247,
0.2803


423.7022, 0.3194,
0.3027

 43.2230, 0.3259,
0.2752


 104.4774, 0.3229,
0.2880

 30.0601, 0.3272,
0.2690


133.4321, 0.3222,
0.2910

 19.8842, 0.3290,
0.2612


167.2958, 0.3216,
0.2936

 12.3109, 0.3311,
0.2510

206.4528, 0.3210,
0.2959

 6.9558, 0.3339,
0.2373

251.2876, 0.3206,
0.2979

 3.4345, 0.3375,
0.2180

302.1845, 0.3201,

 1.3625, 0.3423,

0.2997

0.1887

359.5279, 0.3197,
0.3012

0.1889, 0.3725,
0.0799

0.0000, 0.0000,
0.0000

59.7572, 0.3247,
0.2803

59.7572, 0.3247,
0.2803

50.1324, 0.3309,
0.2598

71.1473, 0.3192,
0.3009

42.1755, 0.3378,
0.2401

84.3778, 0.3145,
0.3209

35.7916, 0.3453,
0.2222

97.4654, 0.3106,
0.3369

30.8732, 0.3532,
0.2072

97.7767, 0.3077,
0.3320

■ 27.2993, 0.3614,
0.1959

■ 97.9755, 0.3060,
0.3290

■ 24.9294, 0.3694,
0.1891

■ 23.5919, 0.3772,
0.1871

■ 23.1410, 0.3816,
0.1876

Harmonies

Analogous

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



59.7572, 0.2833, 0.2642



59.7572, 0.3247, 0.2803



59.7572, 0.3651, 0.3075

Triad

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



59.7572, 0.3247, 0.2803



59.7572, 0.3745, 0.3976



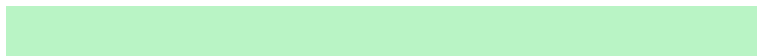
59.7572, 0.2399, 0.3090

Complementary

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



59.7572, 0.3247, 0.2803



79.0575, 0.3027, 0.3832

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.



59.7572, 0.2613, 0.3496



59.7572, 0.3247, 0.2803



59.7572, 0.3384, 0.4038

Square

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



59.7572, 0.3247, 0.2803



59.7572, 0.3945, 0.3734



59.7572, 0.2969, 0.3861



59.7572, 0.2368, 0.2780

Rectangle

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



59.7572, 0.3247, 0.2803



59.7572, 0.3849, 0.3293



59.7572, 0.2969, 0.3861



59.7572, 0.2451, 0.3220

Sweetspot

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



59.7598, 0.3247, 0.2803



88.9029, 0.3158, 0.3153



53.0762, 0.2797, 0.2620



18.8345, 0.3160, 0.3141



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.



59.7598, 0.3247, 0.2803



60.6142, 0.3276, 0.2702



58.2329, 0.3484, 0.3102



16.7070, 0.3169, 0.3104



12.6015, 0.3804, 0.1869



1.1218, 0.3715, 0.1820

Inverse Universe

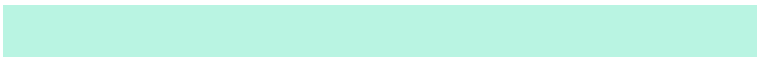
The Inverse Universe completely reimagines the original color for something new.



59.7598, 0.3247, 0.2803



60.6142, 0.3276, 0.2702



80.5324, 0.2864, 0.3488



16.7070, 0.3169, 0.3104



12.6015, 0.3804, 0.1869



1.1218, 0.3715, 0.1820

Previews

White Background



This preview shows how the Yxy color 59.7572, 0.3247, 0.2803 looks on a white background.

Color Contrast Check

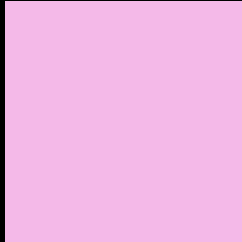
Large Text (above 18pt) WCAG AA × Fail

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 59.7572, 0.3247, 0.2803 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 59.7572, 0.3247, 0.2803

Background



This preview shows how black text looks on a background with the Yxy color 59.7572, 0.3247, 0.2803.



This preview shows how white text looks on a background with the Yxy color 59.7572, 0.3247, 0.2803.

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

59.7572, 0.3247, 0.2803

Protanopia

60.3142, 0.2802, 0.2826

Deuteranopia

59.8942, 0.3007, 0.2942



Tritanopia

59.7600, 0.3423, 0.3129

Trichromacy



Original Color

59.7572, 0.3247, 0.2803



Protanomaly

59.8580, 0.2953, 0.2817



Deuteranomaly

59.5411, 0.3092, 0.2886



Tritanomaly

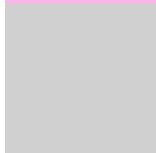
59.5735, 0.3353, 0.3003

Monochromacy



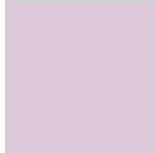
Original Color

59.7572, 0.3247, 0.2803



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

61.6905, 0.3167, 0.3101

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7572, 0.3247, 0.2803 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(244, 185, 232)` looks like.

```
.text, #text, p{  
    color:rgb(244, 185, 232)  
}
```

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(244, 185, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 185, 232) }
```

Border

The CSS property to change the border of an element to Yxy 59.7572, 0.3247, 0.2803 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(244, 185, 232) }
```

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

```
.border{ border-color:rgb(244, 185, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 185, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 185, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 185, 232);  
box-shadow:4px 4px 4px 4px rgb(244, 185,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7572, 0.3247, 0.2803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 185, 232) }
```

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

```
.background{ background-color: rgb(244,  
185, 232) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor