

Converting Colors

Yxy(58.4727, 0.3270, 0.2848)

Have a look what the booklet for
Yxy(58.4727, 0.3270, 0.2848)
contains.

Yxy(58.4727, 0.3270, 0.2848)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.4727, 0.3270, 0.2848)

Conversions

Conversions Part 1

Format	Color
Hex	F1B8E2
RGB	241, 184, 226
RGB Percent	95%, 72%, 89%
CMY	0.0550, 0.2784, 0.1137
CMYK	0.00, 0.24, 0.06, 0.06
HSL	316°, 67%, 83%
HSV	316°, 24%, 94%
XYZ	67.1368, 58.4727, 79.7019
YIQ	205.8310, 20.4900, 25.1460

Conversions

Conversions Part 2

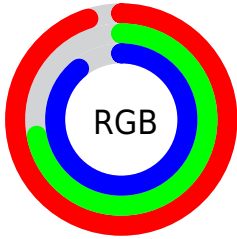
Format	Color
R _Y B	241, 184, 226
Decimal	15841506
CIE Lab	81.00, 27.18, -13.00
CIE LCh	81, 30.134, 334.436
Yxy	58.4727, 0.3270, 0.2848
Android (android.graphics.Color)	4294031586 (0xFFFF1B8E2)
YUV	205.8310, 9.9433, 30.8432
Hunter-Lab	76.4674, 22.9013, -8.2707

Details

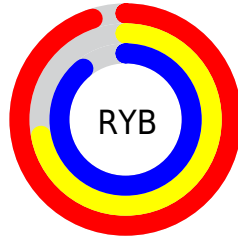
The Yxy color **58.4727, 0.3270, 0.2848** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.2100, 0.3010, 0.3777**, and the grayscale version is **61.5340, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8002, 0.3134, 0.3146**, and **29.0959, 0.3296, 0.2732** is the 20% darker color. If you saturate the color by 10%, you get **48.9597, 0.3347, 0.2656**, and if you desaturate by 10%, it is **69.7089, 0.3203, 0.3039**.

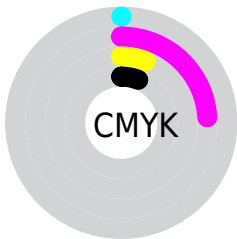
Distribution



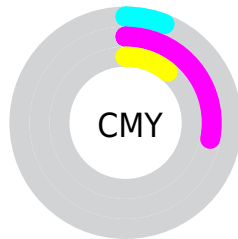
- Red (95%)
- Green (72%)
- Blue (89%)



- Red (95%)
- Yellow (72%)
- Blue (89%)



- Cyan (0%)
- Magenta (24%)
- Yellow (6%)
- Black (6%)



- Cyan (6%)
- Magenta (28%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.4727, 0.3270, 0.2848 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 58.4727, 0.3270, 0.2848 by changing the saturation by 10% instead.

 58.4727, 0.3270,
0.2848

 58.4727, 0.3270,
0.2848


418.9450, 0.3205,
0.3053

 42.1888, 0.3285,
0.2801


 102.6109, 0.3248,
0.2919

 29.2491, 0.3302,
0.2744


131.2340, 0.3239,
0.2947

 19.2694, 0.3325,
0.2671

164.7389, 0.3231,
0.2970

 11.8651, 0.3354,
0.2575

203.5101, 0.3225,
0.2991

 6.6519, 0.3392,
0.2446

247.9319, 0.3219,
0.3009

 3.2454, 0.3445,
0.2261


298.3887, 0.3214,

 1.2611, 0.3523,

0.3025

0.1975


355.2649, 0.3209,
0.3040


 0.1108, 0.4024,
0.0580


 0.0000, 0.0000,
0.0000


 58.4727, 0.3270,
0.2848


 58.4727, 0.3270,
0.2848


 48.9597, 0.3347,
0.2656


 69.7089, 0.3203,
0.3039


 41.0757, 0.3434,
0.2470

 82.7410, 0.3146,
0.3225

 34.7291, 0.3530,
0.2301

 96.8088, 0.3098,
0.3388

 29.8162, 0.3634,
0.2157

 97.2023, 0.3062,
0.3326

■ 26.2204, 0.3743,
0.2051

■ 97.4361, 0.3041,
0.3290

■ 23.8068, 0.3852,
0.1990

■ 22.4112, 0.3959,
0.1978

■ 21.8961, 0.4025,
0.1991

Harmonies

Analogous

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



58.4727, 0.2879, 0.2687



58.4727, 0.3270, 0.2848



58.4727, 0.3641, 0.3111

Triad

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



58.4727, 0.3270, 0.2848



58.4727, 0.3686, 0.3944



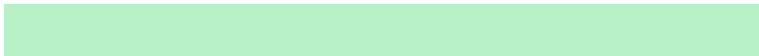
58.4727, 0.2435, 0.3079

Complementary

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



58.4727, 0.3270, 0.2848



77.2100, 0.3010, 0.3777

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.



58.4727, 0.2625, 0.3454



58.4727, 0.3270, 0.2848



58.4727, 0.3341, 0.3983

Square

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



58.4727, 0.3270, 0.2848



58.4727, 0.3886, 0.3729



58.4727, 0.2953, 0.3801



58.4727, 0.2418, 0.2797

Rectangle

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



58.4727, 0.3270, 0.2848



58.4727, 0.3817, 0.3319



58.4727, 0.2953, 0.3801



58.4727, 0.2480, 0.3199

Sweetspot

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



58.4753, 0.3270, 0.2848



88.8368, 0.3164, 0.3163



52.6779, 0.2827, 0.2641



18.8192, 0.3168, 0.3152



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.



58.4753, 0.3270, 0.2848



61.4449, 0.3303, 0.2762



57.0731, 0.3497, 0.3137



15.9563, 0.3178, 0.3118



11.9001, 0.4008, 0.1982



1.0062, 0.3879, 0.1911

Inverse Universe

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



58.4753, 0.3270, 0.2848



61.4449, 0.3303, 0.2762



78.6185, 0.2854, 0.3450



15.9563, 0.3178, 0.3118



11.9001, 0.4008, 0.1982



1.0062, 0.3879, 0.1911

Previews

White Background



This preview shows how the Yxy color 58.4727, 0.3270, 0.2848 looks on a white background.

Color Contrast Check

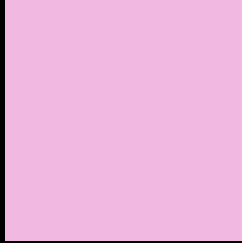
Large Text (above 18pt) WCAG AA × Fail

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 58.4727, 0.3270, 0.2848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

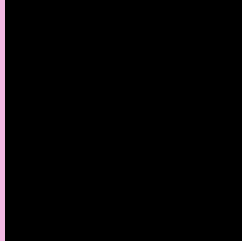
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.4727, 0.3270, 0.2848

Background



This preview shows how black text looks on a background with the Yxy color 58.4727, 0.3270, 0.2848.



This preview shows how white text looks on a background with the Yxy color 58.4727, 0.3270, 0.2848.

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

58.4727, 0.3270, 0.2848

Protanopia

58.8340, 0.2838, 0.2877

Deuteranopia

58.7106, 0.3042, 0.2973



Tritanopia

58.4554, 0.3426, 0.3128

Trichromacy



Original Color

58.4727, 0.3270, 0.2848



Protanomaly

58.2587, 0.2986, 0.2865



Deuteranomaly

58.6651, 0.3121, 0.2926



Tritanomaly

58.5945, 0.3370, 0.3032

Monochromacy



Original Color

58.4727, 0.3270, 0.2848



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

60.2523, 0.3182, 0.3122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4727, 0.3270, 0.2848 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(241, 184, 226)` looks like.

```
.text, #text, p{  
    color:rgb(241, 184, 226)  
}
```

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(241, 184, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 184, 226) }
```

Border

The CSS property to change the border of an element to Yxy 58.4727, 0.3270, 0.2848 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(241, 184, 226) }
```

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

```
.border{ border-color:rgb(241, 184, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 184, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 184, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 184, 226);  
box-shadow:4px 4px 4px 4px rgb(241, 184,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4727, 0.3270, 0.2848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 184, 226) }
```

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

```
.background{ background-color: rgb(241,  
184, 226) }
```

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