

Converting Colors

$Y_{xy}(77.1752, 0.3929, 0.2937)$

Have a look what the booklet for
Yxy(77.1752, 0.3929, 0.2937)
contains.

Yxy(61.0870, 0.3376, 0.2855)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.0870, 0.3376, 0.2855)

Conversions

Conversions Part 1

Format	Color
Hex	FFB8E3
RGB	255, 184, 227
RGB Percent	100%, 72%, 89%
CMY	0.0001, 0.2783, 0.1099
CMYK	0.00, 0.28, 0.11, 0.00
HSL	324°, 100%, 86%
HSV	324°, 28%, 100%
XYZ	72.2346, 61.0870, 80.6434
YIQ	210.1310, 28.5130, 28.4250

Conversions

Conversions Part 2

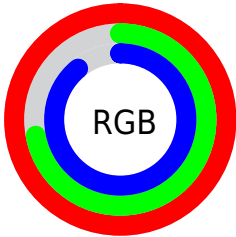
Format	Color
R_{YB}	255, 184, 227
Decimal	16759011
CIE _{Lab}	82.43, 32.04, -11.25
CIE _{LCh}	82, 33.959, 340.646
Yxy	61.0870, 0.3376, 0.2855
Android (android.graphics.Color)	4294949091 (0xFFFFB8E3)
YUV	210.1310, 8.3164, 39.3501
Hunter-Lab	78.1582, 28.1947, -6.4645

Details

The Yxy color **61.0870, 0.3376, 0.2855** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.4469, 0.2940, 0.3770**, and the grayscale version is **64.4703, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **30.8141, 0.3427, 0.2746** is the 20% darker color. If you saturate the color by 10%, you get **50.8936, 0.3497, 0.2694**, and if you desaturate by 10%, it is **73.2274, 0.3273, 0.3016**.

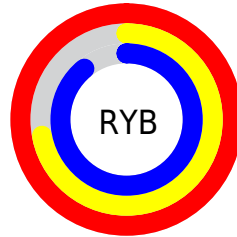
Distribution



Red (100%)

Green (72%)

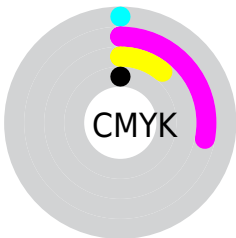
Blue (89%)



Red (100%)

Yellow (72%)

Blue (89%)

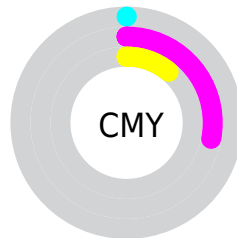


Cyan (0%)

Magenta (28%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (28%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0870, 0.3376, 0.2855 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 61.0870, 0.3376, 0.2855 by changing the saturation by 10% instead.


 61.0870, 0.3376,
0.2855

 61.0870, 0.3376,
0.2855


428.5929, 0.3261,
0.3055

 44.2954, 0.3402,
0.2810

 106.4049, 0.3336,
0.2924

 30.9028, 0.3435,
0.2754


135.7000, 0.3321,
0.2951

 20.5248, 0.3476,
0.2684


169.9316, 0.3307,
0.2974

 12.7771, 0.3529,
0.2592


209.4843, 0.3296,
0.2995

 7.2753, 0.3602,
0.2469

254.7424, 0.3285,
0.3012

 3.6348, 0.3707,
0.2294


306.0902, 0.3276,

 1.4715, 0.3868,


0.3028

0.2027


363.9123, 0.3268,
0.3042

 0.2685, 0.4378,
0.1116


 0.0000, 0.0000,
0.0000


 61.0870, 0.3376,
0.2855


 61.0870, 0.3376,
0.2855

 50.8936, 0.3497,
0.2694

 73.2274, 0.3273,
0.3016

 42.5357, 0.3637,
0.2542

 87.4018, 0.3185,
0.3173

 35.9033, 0.3795,
0.2407

99.9940, 0.3127,
0.3290

 30.8712, 0.3967,
0.2302

■ 27.2970, 0.4148,
0.2239

■ 25.0127, 0.4332,
0.2227

■ 23.7943, 0.4511,
0.2267

■ 23.6001, 0.4550,
0.2280

Harmonies

Analogous

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



61.0870, 0.2936, 0.2652



61.0870, 0.3376, 0.2855



61.0870, 0.3769, 0.3159

Triad

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



61.0870, 0.3376, 0.2855



61.0870, 0.3675, 0.4043



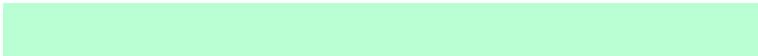
61.0870, 0.2344, 0.2976

Complementary

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



61.0870, 0.3376, 0.2855



86.4469, 0.2940, 0.3770

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.



61.0870, 0.2513, 0.3381



61.0870, 0.3376, 0.2855



61.0870, 0.3272, 0.4042

Square

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



61.0870, 0.3376, 0.2855



61.0870, 0.3940, 0.3832



61.0870, 0.2848, 0.3792



61.0870, 0.2366, 0.2698

Rectangle

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



61.0870, 0.3376, 0.2855



61.0870, 0.3936, 0.3391



61.0870, 0.2848, 0.3792



61.0870, 0.2380, 0.3101

Sweetspot

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



61.0898, 0.3376, 0.2855



87.1604, 0.3187, 0.3170



55.3899, 0.2830, 0.2523



18.1719, 0.3199, 0.3147



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.



61.0898, 0.3376, 0.2855



55.5927, 0.3436, 0.2771



59.3638, 0.3667, 0.3205



18.1719, 0.3199, 0.3147



12.3653, 0.4522, 0.2264



1.2255, 0.4331, 0.2159

Inverse Universe

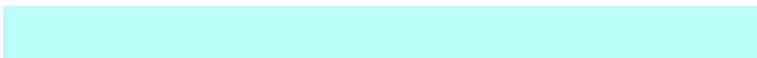
The Inverse Universe completely reimagines the original color for something new.



61.0898, 0.3376, 0.2855



55.5927, 0.3436, 0.2771



88.3893, 0.2762, 0.3378



18.1719, 0.3199, 0.3147



12.3653, 0.4522, 0.2264



1.2255, 0.4331, 0.2159

Previews

White Background



This preview shows how the Yxy color 61.0870, 0.3376, 0.2855 looks on a white background.

Color Contrast Check

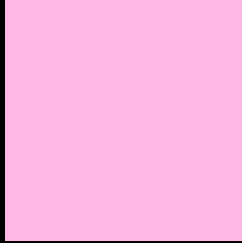
Large Text (above 18pt) WCAG AA × Fail

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 61.0870, 0.3376, 0.2855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

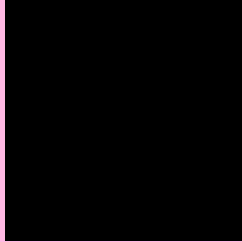
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.0870, 0.3376, 0.2855

Background



This preview shows how black text looks on a background with the Yxy color 61.0870, 0.3376, 0.2855.



This preview shows how white text looks on a background with the Yxy color 61.0870, 0.3376, 0.2855.

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

61.0870, 0.3376, 0.2855

Protanopia

61.6191, 0.2850, 0.2885

Deuteranopia

61.4421, 0.3086, 0.3023



Tritanopia

60.9737, 0.3542, 0.3135

Trichromacy



Original Color

61.0870, 0.3376, 0.2855



Protanomaly

60.9907, 0.3025, 0.2875



Deuteranomaly

61.0087, 0.3190, 0.2956



Tritanomaly

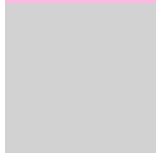
61.1768, 0.3478, 0.3033

Monochromacy



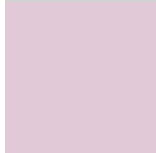
Original Color

61.0870, 0.3376, 0.2855



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

62.8999, 0.3212, 0.3126

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0870, 0.3376, 0.2855 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(255, 184, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 227)  
}
```

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(255, 184, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 227) }
```

Border

The CSS property to change the border of an element to Yxy 61.0870, 0.3376, 0.2855 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(255, 184, 227) }
```

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

```
.border{ border-color:rgb(255, 184, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 184, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0870, 0.3376, 0.2855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 227) }
```

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

```
.background{ background-color: rgb(255,  
184, 227) }
```

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