

Converting Colors

$Y_{xy}(62.6000, 0.3441, 0.2989)$

Have a look what the booklet for
Yxy(62.6000, 0.3441, 0.2989)
contains.

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Color

Yxy(62.7171, 0.3442, 0.2994)

Conversions

Conversions Part 1

Format	Color
Hex	FFBDDA
RGB	255, 189, 218
RGB Percent	100%, 74%, 85%
CMY	0.0000, 0.2589, 0.1450
CMYK	0.00, 0.26, 0.14, 0.00
HSL	334°, 100%, 87%
HSV	334°, 26%, 100%
XYZ	72.1016, 62.7171, 74.6572
YIQ	212.0400, 30.0270, 23.0110

Conversions

Conversions Part 2

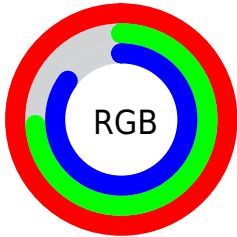
Format	Color
R _Y B	255, 189, 218
Decimal	16760282
CIE Lab	83.29, 28.02, -5.16
CIE LCh	83, 28.491, 349.556
Yxy	62.7171, 0.3442, 0.2994
Android (android.graphics.Color)	4294950362 (0xFFFFBDDA)
YUV	212.0400, 2.9383, 37.6759
Hunter-Lab	79.1941, 23.9241, -0.4575

Details

The Yxy color $62.7171, 0.3442, 0.2994$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $87.8266, 0.2894, 0.3608$, and the grayscale version is $65.8301, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.3915, 0.3131, 0.3204$, and $31.8426, 0.3516, 0.2923$ is the 20% darker color. If you saturate the color by 10%, you get $51.9775, 0.3611, 0.2874$, and if you desaturate by 10%, it is $75.4470, 0.3301, 0.3113$.

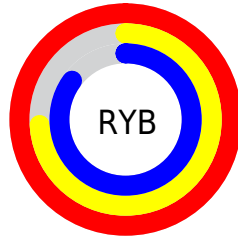
Distribution



Red (100%)

Green (74%)

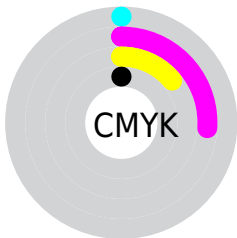
Blue (85%)



Red (100%)

Yellow (74%)

Blue (85%)

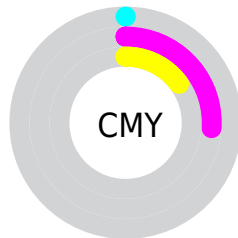


Cyan (0%)

Magenta (26%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7171, 0.3442, 0.2994 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 62.7171, 0.3442, 0.2994 by changing the saturation by 10% instead.


 62.7171, 0.3442,
0.2994

 62.7171, 0.3442,
0.2994


434.5421, 0.3294,
0.3132

 45.6124, 0.3476,
0.2962


 108.7613, 0.3390,
0.3042

 31.9401, 0.3519,
0.2923


138.4695, 0.3370,
0.3061

 21.3157, 0.3574,
0.2873


173.1477, 0.3353,
0.3077

 13.3550, 0.3647,
0.2808

213.1803, 0.3338,
0.3090

 7.6734, 0.3747,
0.2719

258.9516, 0.3325,
0.3103

 3.8867, 0.3896,
0.2589


310.8461, 0.3313,

 1.6104, 0.4136,


0.3113


0.2385

369.2481, 0.3303,
0.3123


 0.3646, 0.4821,
0.1682


 0.0000, 0.0000,
0.0000

 62.7171, 0.3442,
0.2994


 62.7171, 0.3442,
0.2994

 51.9775, 0.3611,
0.2874


 75.4470, 0.3301,
0.3113

 43.1295, 0.3811,
0.2760

 90.2663, 0.3185,
0.3226

 36.0600, 0.4044,
0.2659

100.0000, 0.3127,
0.3290

 30.6452, 0.4306,
0.2584

■ 26.7453, 0.4588,
0.2547

■ 24.1968, 0.4876,
0.2562

■ 22.7975, 0.5151,
0.2631

■ 22.4341, 0.5259,
0.2671

Harmonies

Analogous

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



62.7171, 0.3076, 0.2791



62.7171, 0.3442, 0.2994



62.7171, 0.3731, 0.3271

Triad

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



62.7171, 0.3442, 0.2994



62.7171, 0.3496, 0.3935



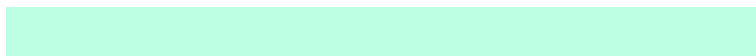
62.7171, 0.2456, 0.2950

Complementary

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



62.7171, 0.3442, 0.2994



87.8266, 0.2894, 0.3608

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.



62.7171, 0.2554, 0.3264



62.7171, 0.3442, 0.2994



62.7171, 0.3145, 0.3867

Square

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



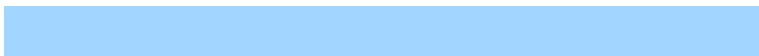
62.7171, 0.3442, 0.2994



62.7171, 0.3757, 0.3814



62.7171, 0.2802, 0.3611



62.7171, 0.2523, 0.2753

Rectangle

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



62.7171, 0.3442, 0.2994



62.7171, 0.3832, 0.3469



62.7171, 0.2802, 0.3611



62.7171, 0.2471, 0.3045

Sweetspot

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



62.7158, 0.3442, 0.2994



86.9537, 0.3208, 0.3203



59.6673, 0.2935, 0.2598



18.1199, 0.3225, 0.3186



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.



62.7158, 0.3442, 0.2994



56.9806, 0.3524, 0.2933



62.7619, 0.3675, 0.3326



18.1199, 0.3225, 0.3186



11.7511, 0.5218, 0.2648



1.1657, 0.4933, 0.2491

Inverse Universe

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



62.7158, 0.3442, 0.2994



56.9806, 0.3524, 0.2933



87.4702, 0.2743, 0.3254



18.1199, 0.3225, 0.3186



11.7511, 0.5218, 0.2648



1.1657, 0.4933, 0.2491

Previews

White Background



This preview shows how the Yxy color 62.7171, 0.3442, 0.2994 looks on a white background.

Color Contrast Check

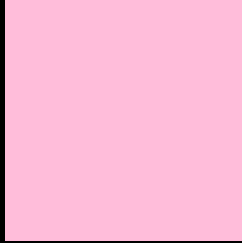
Large Text (above 18pt) WCAG AA × Fail

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 62.7171, 0.3442, 0.2994 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 62.7171, 0.3442, 0.2994

Background



This preview shows how black text looks on a background with the Yxy color 62.7171, 0.3442, 0.2994.



This preview shows how white text looks on a background with the Yxy color 62.7171, 0.3442, 0.2994.

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

62.7171, 0.3442, 0.2994

Protanopia

62.7789, 0.2963, 0.3030

Deuteranopia

63.0462, 0.3196, 0.3136



Tritanopia

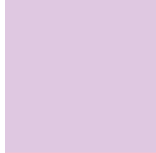
62.7887, 0.3528, 0.3136

Trichromacy



Original Color

62.7171, 0.3442, 0.2994



Protanomaly

62.4328, 0.3125, 0.3016



Deuteranomaly

62.6044, 0.3279, 0.3075



Tritanomaly

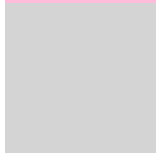
62.5509, 0.3497, 0.3085

Monochromacy



Original Color

62.7171, 0.3442, 0.2994



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

64.5348, 0.3240, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7171, 0.3442, 0.2994 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, 189, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 218)  
}
```

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, 189, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 218) }
```

Border

The CSS property to change the border of an element to Yxy 62.7171, 0.3442, 0.2994 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, 189, 218) }
```

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

```
.border{ border-color:rgb(255, 189, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
218) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 62.7171, 0.3442, 0.2994$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 218) }
```

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

```
.background{ background-color: rgb(255,  
189, 218) }
```

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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