

Converting Colors

$Y_{xy}(81.9913, 0.4130, 0.3021)$

Have a look what the booklet for
Yxy(81.9913, 0.4130, 0.3021)
contains.

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Color

Yxy(61.1252, 0.3432, 0.2933)

Conversions

Conversions Part 1

Format	Color
Hex	FFB9DC
RGB	255, 185, 220
RGB Percent	100%, 73%, 86%
CMY	0.0000, 0.2746, 0.1372
CMYK	0.00, 0.27, 0.14, 0.00
HSL	330°, 100%, 86%
HSV	330°, 27%, 100%
XYZ	71.5246, 61.1252, 75.7552
YIQ	209.9200, 30.4850, 25.7250

Conversions

Conversions Part 2

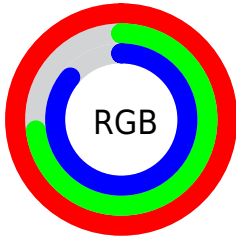
Format	Color
R _Y B	255, 185, 220
Decimal	16759260
CIE Lab	82.45, 30.45, -7.49
CIE LCh	82, 31.358, 346.189
Yxy	61.1252, 0.3432, 0.2933
Android (android.graphics.Color)	4294949340 (0xFFFFB9DC)
YUV	209.9200, 4.9694, 39.5352
Hunter-Lab	78.1826, 26.4795, -2.7214

Details

The Yxy color **61.1252, 0.3432, 0.2933** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.9964, 0.2904, 0.3678**, and the grayscale version is **64.3375, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **30.8195, 0.3503, 0.2846** is the 20% darker color. If you saturate the color by 10%, you get **50.7402, 0.3585, 0.2798**, and if you desaturate by 10%, it is **73.4593, 0.3302, 0.3068**.

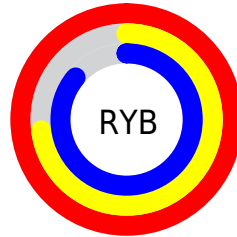
Distribution



Red (100%)

Green (73%)

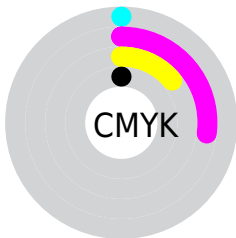
Blue (86%)



Red (100%)

Yellow (73%)

Blue (86%)

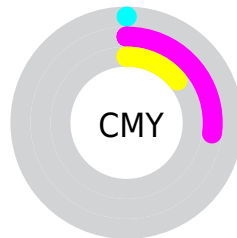


Cyan (0%)

Magenta (27%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.1252, 0.3432, 0.2933 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 61.1252, 0.3432, 0.2933 by changing the saturation by 10% instead.


 61.1252, 0.3432,
0.2933

 61.1252, 0.3432,
0.2933

428.7329, 0.3289,
0.3099

 44.3262, 0.3465,
0.2895


 106.4602, 0.3382,
0.2991

 30.9270, 0.3506,
0.2848

135.7650, 0.3363,
0.3013

 20.5433, 0.3559,
0.2789


170.0072, 0.3346,
0.3032

 12.7906, 0.3629,
0.2711

209.5712, 0.3332,
0.3049

 7.2845, 0.3725,
0.2605

254.8413, 0.3319,
0.3064

 3.6407, 0.3867,
0.2452


306.2021, 0.3308,

 1.4747, 0.4094,


0.3077


0.2214

364.0378, 0.3298,
0.3088


 0.2708, 0.4814,
0.1289


 0.0000, 0.0000,
0.0000


 61.1252, 0.3432,
0.2933


 61.1252, 0.3432,
0.2933

 50.7402, 0.3585,
0.2798


 73.4593, 0.3302,
0.3068

 42.2240, 0.3766,
0.2670

 87.8615, 0.3195,
0.3198

 35.4560, 0.3973,
0.2558

100.0000, 0.3127,
0.3290

 30.3107, 0.4203,
0.2474

■ 26.6456, 0.4449,
0.2432

■ 24.2934, 0.4699,
0.2441

■ 23.0357, 0.4939,
0.2506

■ 22.8088, 0.4999,
0.2528

Harmonies

Analogous

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



61.1252, 0.3024, 0.2722



61.1252, 0.3432, 0.2933



61.1252, 0.3770, 0.3229

Triad

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



61.1252, 0.3432, 0.2933



61.1252, 0.3573, 0.4002



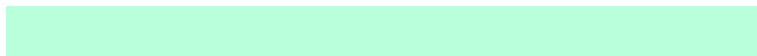
61.1252, 0.2390, 0.2944

Complementary

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



61.1252, 0.3432, 0.2933



86.9964, 0.2904, 0.3678

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.



61.1252, 0.2517, 0.3302



61.1252, 0.3432, 0.2933



61.1252, 0.3189, 0.3955

Square

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



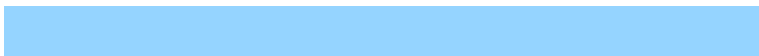
61.1252, 0.3432, 0.2933



61.1252, 0.3848, 0.3841



61.1252, 0.2804, 0.3688



61.1252, 0.2444, 0.2712

Rectangle

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



61.1252, 0.3432, 0.2933



61.1252, 0.3898, 0.3447



61.1252, 0.2804, 0.3688



61.1252, 0.2413, 0.3053

Sweetspot

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



61.1175, 0.3432, 0.2933



87.0289, 0.3200, 0.3191



56.9413, 0.2886, 0.2546



18.1387, 0.3215, 0.3172



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.



61.1175, 0.3432, 0.2933



55.1317, 0.3514, 0.2858



59.5002, 0.3718, 0.3280



18.1387, 0.3215, 0.3172



11.9482, 0.4962, 0.2507



1.1854, 0.4708, 0.2367

Inverse Universe

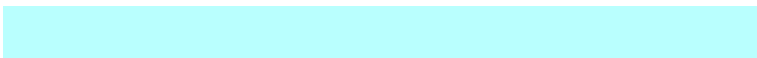
The Inverse Universe completely reimagines the original color for something new.



61.1175, 0.3432, 0.2933



55.1317, 0.3514, 0.2858



88.9766, 0.2732, 0.3301



18.1387, 0.3215, 0.3172



11.9482, 0.4962, 0.2507



1.1854, 0.4708, 0.2367

Previews

White Background



This preview shows how the Yxy color 61.1252, 0.3432, 0.2933 looks on a white background.

Color Contrast Check

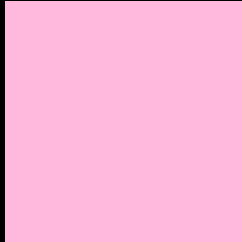
Large Text (above 18pt) WCAG AA × Fail

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 61.1252, 0.3432, 0.2933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

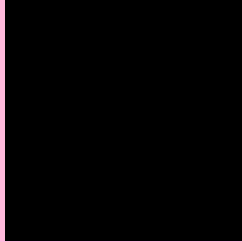
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.1252, 0.3432, 0.2933

Background



This preview shows how black text looks on a background with the Yxy color 61.1252, 0.3432, 0.2933.



This preview shows how white text looks on a background with the Yxy color 61.1252, 0.3432, 0.2933.

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

61.1252, 0.3432, 0.2933

Protanopia

61.4294, 0.2915, 0.2972

Deuteranopia

61.0722, 0.3160, 0.3089



Tritanopia

61.1134, 0.3559, 0.3145

Trichromacy



Original Color

61.1252, 0.3432, 0.2933



Protanomaly

60.9061, 0.3089, 0.2950



Deuteranomaly

60.9692, 0.3259, 0.3031



Tritanomaly

61.2149, 0.3511, 0.3064

Monochromacy



Original Color

61.1252, 0.3432, 0.2933



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

62.7971, 0.3227, 0.3147

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1252, 0.3432, 0.2933 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, 185, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 220)  
}
```

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, 185, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 220) }
```

Border

The CSS property to change the border of an element to Yxy 61.1252, 0.3432, 0.2933 is called "border". The border property can be set on classes, ids or directly on the HTML element.

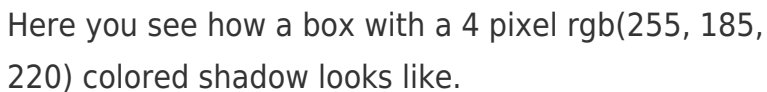
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 185, 220) }
```

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

```
.border{ border-color:rgb(255, 185, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 185, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 185, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 185, 220); box-shadow:4px 4px 4px 4px rgb(255, 185, 220) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1252, 0.3432, 0.2933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 220) }
```

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

```
.background{ background-color: rgb(255,  
185, 220) }
```

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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