

Converting Colors

$Y_{xy}(81.1178, 0.4071, 0.3028)$

Have a look what the booklet for
Yxy(81.1178, 0.4071, 0.3028)
contains.

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Color

Yxy(61.9680, 0.3429, 0.2954)

Conversions

Conversions Part 1

Format	Color
Hex	FFBBDC
RGB	255, 187, 220
RGB Percent	100%, 73%, 86%
CMY	0.0000, 0.2667, 0.1373
CMYK	0.00, 0.27, 0.14, 0.00
HSL	331°, 100%, 87%
HSV	331°, 27%, 100%
XYZ	71.9324, 61.9680, 75.8762
YIQ	211.0940, 29.9350, 24.6790

Conversions

Conversions Part 2

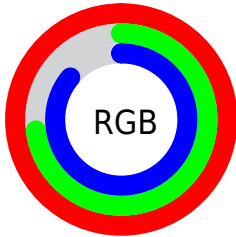
Format	Color
R _Y B	255, 187, 220
Decimal	16759772
CIE Lab	82.90, 29.37, -6.80
CIE LCh	83, 30.151, 346.958
Yxy	61.9680, 0.3429, 0.2954
Android (android.graphics.Color)	4294949852 (0xFFFFBBDC)
YUV	211.0940, 4.3907, 38.5056
Hunter-Lab	78.7198, 25.3498, -2.0445

Details

The Yxy color **61.9680, 0.3429, 0.2954** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **87.3589, 0.2904, 0.3654**, and the grayscale version is **65.1610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **31.3620, 0.3498, 0.2872** is the 20% darker color. If you saturate the color by 10%, you get **51.4234, 0.3586, 0.2823**, and if you desaturate by 10%, it is **74.4874, 0.3298, 0.3085**.

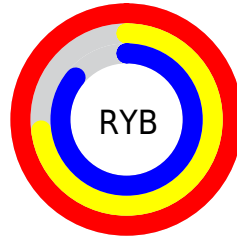
Distribution



Red (100%)

Green (73%)

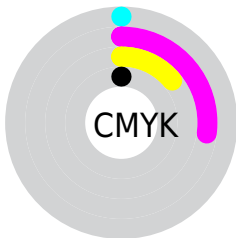
Blue (86%)



Red (100%)

Yellow (73%)

Blue (86%)

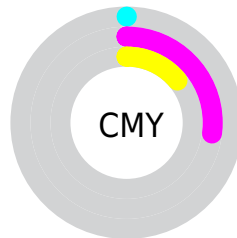


Cyan (0%)

Magenta (27%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.9680, 0.3429, 0.2954 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 61.9680, 0.3429, 0.2954 by changing the saturation by 10% instead.


 61.9680, 0.3429,
0.2954

 61.9680, 0.3429,
0.2954


431.8144, 0.3287,
0.3110

 45.0068, 0.3462,
0.2918


 107.6793, 0.3379,
0.3008

 31.4628, 0.3503,
0.2874


137.1982, 0.3360,
0.3029

 20.9515, 0.3555,
0.2818


171.6718, 0.3344,
0.3047

 13.0886, 0.3624,
0.2745

211.4845, 0.3330,
0.3063

 7.4896, 0.3719,
0.2645

257.0208, 0.3317,
0.3077

 3.7701, 0.3859,
0.2501


308.6649, 0.3306,

 1.5458, 0.4084,


0.3089


0.2277

366.8013, 0.3296,
0.3100


 0.3206, 0.4747,
0.1471


 0.0000, 0.0000,
0.0000


 61.9680, 0.3429,
0.2954


 61.9680, 0.3429,
0.2954

 51.4234, 0.3586,
0.2823


 74.4874, 0.3298,
0.3085

 42.7517, 0.3770,
0.2697

 89.0780, 0.3189,
0.3210

 35.8405, 0.3983,
0.2587

100.0000, 0.3127,
0.3290

 30.5651, 0.4220,
0.2504

■ 26.7848, 0.4475,
0.2462

■ 24.3342, 0.4735,
0.2470

■ 23.0059, 0.4984,
0.2535

■ 22.7085, 0.5065,
0.2564

Harmonies

Analogous

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



61.9680, 0.3039, 0.2749



61.9680, 0.3429, 0.2954



61.9680, 0.3749, 0.3241

Triad

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



61.9680, 0.3429, 0.2954



61.9680, 0.3547, 0.3972



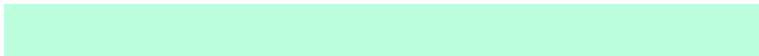
61.9680, 0.2419, 0.2952

Complementary

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



61.9680, 0.3429, 0.2954



87.3589, 0.2904, 0.3654

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.



61.9680, 0.2537, 0.3293



61.9680, 0.3429, 0.2954



61.9680, 0.3178, 0.3920

Square

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



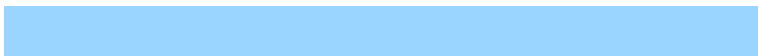
61.9680, 0.3429, 0.2954



61.9680, 0.3813, 0.3825



61.9680, 0.2809, 0.3662



61.9680, 0.2475, 0.2732

Rectangle

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



61.9680, 0.3429, 0.2954



61.9680, 0.3868, 0.3451



61.9680, 0.2809, 0.3662



61.9680, 0.2439, 0.3056

Sweetspot

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



61.9676, 0.3429, 0.2954



87.0099, 0.3202, 0.3194



58.1327, 0.2903, 0.2571



18.1340, 0.3218, 0.3175



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.



61.9676, 0.3429, 0.2954



56.1046, 0.3509, 0.2884



60.3884, 0.3706, 0.3292



18.1340, 0.3218, 0.3175



11.8956, 0.5027, 0.2543



1.1802, 0.4765, 0.2398

Inverse Universe

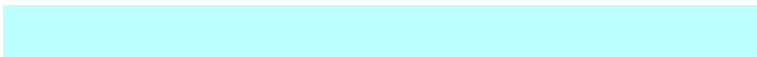
The Inverse Universe completely reimagines the original color for something new.



61.9676, 0.3429, 0.2954



56.1046, 0.3509, 0.2884



89.3048, 0.2736, 0.3289



18.1340, 0.3218, 0.3175



11.8956, 0.5027, 0.2543



1.1802, 0.4765, 0.2398

Previews

White Background



This preview shows how the Yxy color 61.9680, 0.3429, 0.2954 looks on a white background.

Color Contrast Check

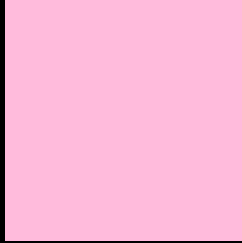
Large Text (above 18pt) WCAG AA × Fail

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 61.9680, 0.3429, 0.2954 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 61.9680, 0.3429, 0.2954

Background



This preview shows how black text looks on a background with the Yxy color 61.9680, 0.3429, 0.2954.



This preview shows how white text looks on a background with the Yxy color 61.9680, 0.3429, 0.2954.

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

61.9680, 0.3429, 0.2954

Protanopia

62.1287, 0.2936, 0.2996

Deuteranopia

62.3126, 0.3174, 0.3113



Tritanopia

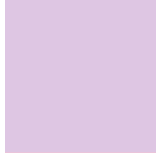
62.0692, 0.3538, 0.3146

Trichromacy



Original Color

61.9680, 0.3429, 0.2954



Protanomaly

61.4638, 0.3104, 0.2972



Deuteranomaly

62.0342, 0.3265, 0.3053



Tritanomaly

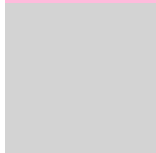
62.1192, 0.3499, 0.3074

Monochromacy



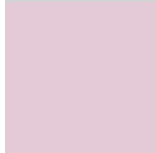
Original Color

61.9680, 0.3429, 0.2954



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

63.4270, 0.3234, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9680, 0.3429, 0.2954 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, 187, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 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, 187, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 220) }
```

Border

The CSS property to change the border of an element to Yxy 61.9680, 0.3429, 0.2954 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, 187, 220) }
```

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

```
.border{ border-color:rgb(255, 187, 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, 187, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9680, 0.3429, 0.2954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 220) }
```

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

```
.background{ background-color: rgb(255,  
187, 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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