

Converting Colors

Yxy(61.0486, 0.3520, 0.3054)

Have a look what the booklet for
Yxy(61.0486, 0.3520, 0.3054)
contains.

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Color

Yxy(60.9813, 0.3521, 0.3054)

Conversions

Conversions Part 1

Format	Color
Hex	FFBAD1
RGB	255, 186, 209
RGB Percent	100%, 73%, 82%
CMY	0.0000, 0.2706, 0.1804
CMYK	0.00, 0.27, 0.18, 0.00
HSL	340°, 100%, 86%
HSV	340°, 27%, 100%
XYZ	70.3062, 60.9813, 68.3893
YIQ	209.2530, 33.7410, 21.7810

Conversions

Conversions Part 2

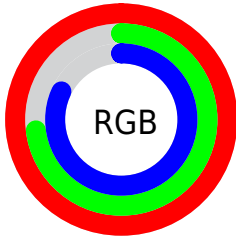
Format	Color
R _Y B	255, 186, 209
Decimal	16759505
CIE Lab	82.37, 28.19, -1.68
CIE LCh	82, 28.238, 356.592
Yxy	60.9813, 0.3521, 0.3054
Android (android.graphics.Color)	4294949585 (0xFFFFBAD1)
YUV	209.2530, -0.1247, 40.1201
Hunter-Lab	78.0905, 24.0481, 2.7390

Details

The Yxy color **60.9813, 0.3521, 0.3054** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.7826, 0.2847, 0.3541**, and the grayscale version is **63.9204, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5812, 0.3133, 0.3175**, and **30.7394, 0.3614, 0.2987** is the 20% darker color. If you saturate the color by 10%, you get **50.3835, 0.3729, 0.2963**, and if you desaturate by 10%, it is **73.5916, 0.3350, 0.3145**.

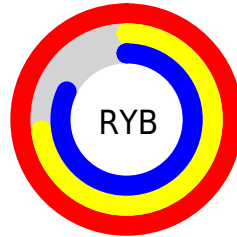
Distribution



Red (100%)

Green (73%)

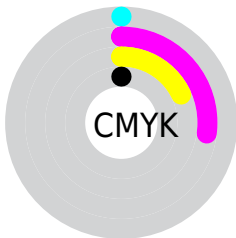
Blue (82%)



Red (100%)

Yellow (73%)

Blue (82%)

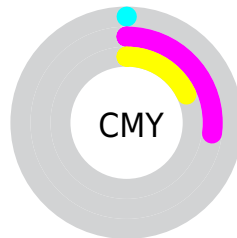


Cyan (0%)

Magenta (27%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.9813, 0.3521, 0.3054 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 60.9813, 0.3521, 0.3054 by changing the saturation by 10% instead.


 60.9813, 0.3521,
0.3054

 60.9813, 0.3521,
0.3054

428.2054, 0.3333,
0.3166

 44.2101, 0.3565,
0.3028


 106.2519, 0.3455,
0.3093

 30.8357, 0.3621,
0.2995

135.5200, 0.3429,
0.3108

 20.4738, 0.3692,
0.2953


169.7225, 0.3408,
0.3121

 12.7399, 0.3787,
0.2897

209.2439, 0.3389,
0.3133

 7.2497, 0.3921,
0.2820

254.4685, 0.3372,
0.3143

 3.6187, 0.4121,
0.2704

305.7807, 0.3358,

 1.4627, 0.4454,

0.3151

363.5649, 0.3345,
0.3159

0.2515

0.2622, 0.5859,
0.1633

0.0000, 0.0000,
0.0000

60.9813, 0.3521,
0.3054

60.9813, 0.3521,
0.3054

50.3835, 0.3729,
0.2963

73.5916, 0.3350,
0.3145

41.6850, 0.3978,
0.2877

88.3029, 0.3210,
0.3232

34.7743, 0.4269,
0.2805

99.9989, 0.3127,
0.3290

29.5246, 0.4598,
0.2758

■ 25.7924, 0.4948,
0.2749

■ 23.4091, 0.5294,
0.2789

■ 22.1604, 0.5606,
0.2878

■ 21.9149, 0.5690,
0.2908

Harmonies

Analogous

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



60.9813, 0.3163, 0.2829



60.9813, 0.3521, 0.3054



60.9813, 0.3777, 0.3340

Triad

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



60.9813, 0.3521, 0.3054



60.9813, 0.3418, 0.3938



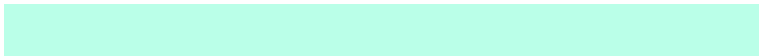
60.9813, 0.2457, 0.2891

Complementary

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



60.9813, 0.3521, 0.3054



87.7826, 0.2847, 0.3541

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.



60.9813, 0.2517, 0.3183



60.9813, 0.3521, 0.3054



60.9813, 0.3060, 0.3822

Square

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



60.9813, 0.3521, 0.3054



60.9813, 0.3709, 0.3857



60.9813, 0.2732, 0.3534



60.9813, 0.2562, 0.2728

Rectangle

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



60.9813, 0.3521, 0.3054



60.9813, 0.3846, 0.3538



60.9813, 0.2732, 0.3534



60.9813, 0.2458, 0.2977

Sweetspot

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



60.9841, 0.3521, 0.3054



86.8227, 0.3222, 0.3224



59.3050, 0.2976, 0.2576



18.0870, 0.3242, 0.3211



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.



60.9841, 0.3521, 0.3054



55.4991, 0.3619, 0.3009



64.4454, 0.3688, 0.3399



18.0870, 0.3242, 0.3211



11.4762, 0.5647, 0.2884



1.1367, 0.5329, 0.2709

Inverse Universe

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



60.9841, 0.3521, 0.3054



55.4991, 0.3619, 0.3009



82.7509, 0.2720, 0.3177



18.0870, 0.3242, 0.3211



11.4762, 0.5647, 0.2884



1.1367, 0.5329, 0.2709

Previews

White Background



This preview shows how the Yxy color 60.9813, 0.3521, 0.3054 looks on a white background.

Color Contrast Check

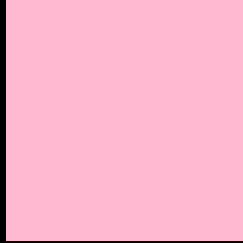
Large Text (above 18pt) WCAG AA × Fail

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 60.9813, 0.3521, 0.3054 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 60.9813, 0.3521, 0.3054

Background



This preview shows how black text looks on a background with the Yxy color 60.9813, 0.3521, 0.3054.

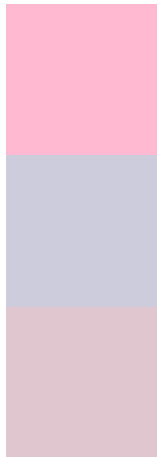


This preview shows how white text looks on a background with the Yxy color 60.9813, 0.3521, 0.3054.

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

60.9813, 0.3521, 0.3054

Protanopia

61.3322, 0.3023, 0.3107

Deuteranopia

61.1991, 0.3265, 0.3201



Tritanopia

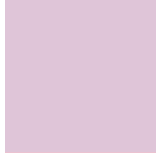
60.8757, 0.3570, 0.3135

Trichromacy



Original Color

60.9813, 0.3521, 0.3054



Protanomaly

60.5783, 0.3192, 0.3079



Deuteranomaly

60.7998, 0.3352, 0.3138



Tritanomaly

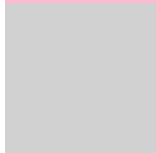
61.0193, 0.3544, 0.3105

Monochromacy



Original Color

60.9813, 0.3521, 0.3054



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

62.5455, 0.3264, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9813, 0.3521, 0.3054 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, 186, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 209)  
}
```

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, 186, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 209) }
```

Border

The CSS property to change the border of an element to Yxy 60.9813, 0.3521, 0.3054 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, 186, 209) }
```

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

```
.border{ border-color:rgb(255, 186, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9813, 0.3521, 0.3054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 209) }
```

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

```
.background{ background-color: rgb(255,  
186, 209) }
```

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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