

Converting Colors

$Yxy(76.1798, 0.3910, 0.3016)$

Have a look what the booklet for
Yxy(76.1798, 0.3910, 0.3016)
contains.

Yxy(62.4469, 0.3419, 0.2954)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.4469, 0.3419, 0.2954)

Conversions

Conversions Part 1

Format	Color
Hex	FFBCDD
RGB	255, 188, 221
RGB Percent	100%, 74%, 87%
CMY	0.0000, 0.2627, 0.1332
CMYK	0.00, 0.26, 0.13, 0.00
HSL	330°, 100%, 87%
HSV	330°, 26%, 100%
XYZ	72.2769, 62.4469, 76.6740
YIQ	211.7950, 29.3390, 24.4670

Conversions

Conversions Part 2

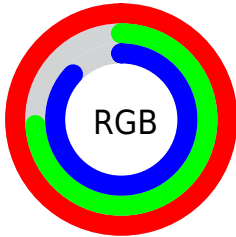
Format	Color
R _Y B	255, 188, 221
Decimal	16760029
CIE Lab	83.15, 29.00, -6.98
CIE LCh	83, 29.833, 346.459
Yxy	62.4469, 0.3419, 0.2954
Android (android.graphics.Color)	4294950109 (0xFFFFBCDD)
YUV	211.7950, 4.5381, 37.8908
Hunter-Lab	79.0234, 24.9701, -2.2109

Details

The Yxy color $62.4469, 0.3419, 0.2954$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $87.4821, 0.2910, 0.3653$, and the grayscale version is $65.6524, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.7848, 0.3132, 0.3194$, and $31.6737, 0.3485, 0.2872$ is the 20% darker color. If you saturate the color by 10%, you get $51.8374, 0.3572, 0.2821$, and if you desaturate by 10%, it is $75.0399, 0.3291, 0.3086$.

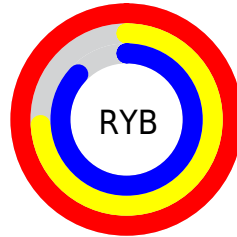
Distribution



Red (100%)

Green (74%)

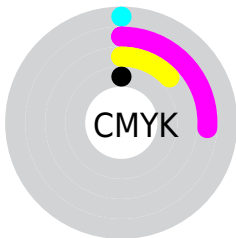
Blue (87%)



Red (100%)

Yellow (74%)

Blue (87%)

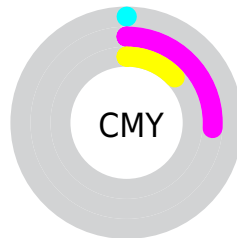


Cyan (0%)

Magenta (26%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.4469, 0.3419, 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 62.4469, 0.3419, 0.2954 by changing the saturation by 10% instead.


 62.4469, 0.3419,
0.2954

 62.4469, 0.3419,
0.2954

433.5594, 0.3282,
0.3110

 45.3939, 0.3451,
0.2918

 108.3712, 0.3371,
0.3008

 31.7678, 0.3490,
0.2875


138.0112, 0.3353,
0.3029

 21.1842, 0.3540,
0.2819


172.6158, 0.3337,
0.3047

 13.2587, 0.3606,
0.2746

212.5692, 0.3323,
0.3063

 7.6069, 0.3697,
0.2647

258.2558, 0.3311,
0.3077

 3.8445, 0.3831,
0.2505


310.0602, 0.3300,

 1.5870, 0.4045,


0.3089


0.2283

368.3665, 0.3291,
0.3100


 0.3488, 0.4645,
0.1535


 0.0000, 0.0000,
0.0000


 62.4469, 0.3419,
0.2954


 62.4469, 0.3419,
0.2954

 51.8374, 0.3572,
0.2821

 75.0399, 0.3291,
0.3086

 43.1003, 0.3752,
0.2693

 89.7028, 0.3184,
0.3214

 36.1266, 0.3960,
0.2580

99.9995, 0.3127,
0.3290

 30.7926, 0.4192,
0.2494

■ 26.9582, 0.4442,
0.2448

■ 24.4593, 0.4697,
0.2453

■ 23.0922, 0.4942,
0.2513

■ 22.7588, 0.5031,
0.2545

Harmonies

Analogous

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



62.4469, 0.3034, 0.2753



62.4469, 0.3419, 0.2954



62.4469, 0.3736, 0.3237

Triad

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



62.4469, 0.3419, 0.2954



62.4469, 0.3547, 0.3962



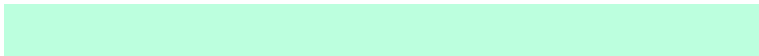
62.4469, 0.2428, 0.2962

Complementary

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



62.4469, 0.3419, 0.2954



87.4821, 0.2910, 0.3653

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.



62.4469, 0.2548, 0.3300



62.4469, 0.3419, 0.2954



62.4469, 0.3184, 0.3914

Square

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



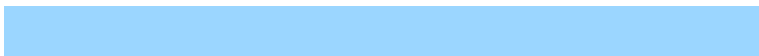
62.4469, 0.3419, 0.2954



62.4469, 0.3807, 0.3815



62.4469, 0.2819, 0.3662



62.4469, 0.2480, 0.2742

Rectangle

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



62.4469, 0.3419, 0.2954



62.4469, 0.3856, 0.3444



62.4469, 0.2819, 0.3662



62.4469, 0.2449, 0.3065

Sweetspot

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



62.4497, 0.3419, 0.2954



87.0196, 0.3201, 0.3192



58.6386, 0.2907, 0.2582



18.1364, 0.3216, 0.3173



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.



62.4497, 0.3419, 0.2954



56.1371, 0.3503, 0.2877



60.8584, 0.3694, 0.3292



18.1364, 0.3216, 0.3173



11.9223, 0.4994, 0.2525



1.1828, 0.4736, 0.2382

Inverse Universe

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



62.4497, 0.3419, 0.2954



56.1371, 0.3503, 0.2877



89.4298, 0.2742, 0.3289



18.1364, 0.3216, 0.3173



11.9223, 0.4994, 0.2525



1.1828, 0.4736, 0.2382

Previews

White Background



This preview shows how the Yxy color 62.4469, 0.3419, 0.2954 looks on a white background.

Color Contrast Check

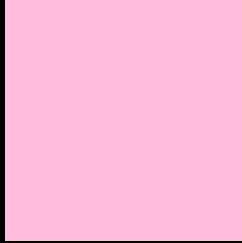
Large Text (above 18pt) WCAG AA × Fail

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 62.4469, 0.3419, 0.2954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

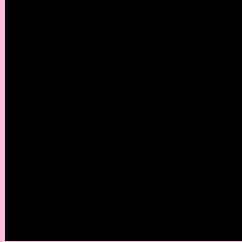
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.4469, 0.3419, 0.2954

Background



This preview shows how black text looks on a background with the Yxy color 62.4469, 0.3419, 0.2954.



This preview shows how white text looks on a background with the Yxy color 62.4469, 0.3419, 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

62.4469, 0.3419, 0.2954

Protanopia

62.8062, 0.2936, 0.2997

Deuteranopia

62.5757, 0.3167, 0.3092



Tritanopia

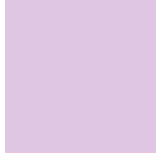
62.5520, 0.3528, 0.3146

Trichromacy



Original Color

62.4469, 0.3419, 0.2954



Protanomaly

62.1363, 0.3104, 0.2973



Deuteranomaly

62.3093, 0.3257, 0.3033



Tritanomaly

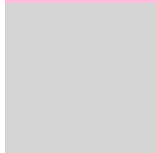
62.6009, 0.3489, 0.3075

Monochromacy



Original Color

62.4469, 0.3419, 0.2954



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

64.1121, 0.3233, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4469, 0.3419, 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, 188, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 221)  
}
```

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, 188, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 221) }
```

Border

The CSS property to change the border of an element to Yxy 62.4469, 0.3419, 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, 188, 221) }
```

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

```
.border{ border-color:rgb(255, 188, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4469, 0.3419, 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, 188, 221) }
```

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

```
.background{ background-color: rgb(255,  
188, 221) }
```

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