

Converting Colors

$Yxy(62.4026, 0.3315, 0.2806)$

Have a look what the booklet for
Yxy(62.4026, 0.3315, 0.2806)
contains.

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Color

Yxy(62.3183, 0.3318, 0.2808)

Conversions

Conversions Part 1

Format	Color
Hex	FFBAEA
RGB	255, 186, 234
RGB Percent	100%, 73%, 92%
CMY	0.0002, 0.2705, 0.0824
CMYK	0.00, 0.27, 0.08, 0.00
HSL	318°, 100%, 86%
HSV	318°, 27%, 100%
XYZ	73.6368, 62.3183, 85.9762
YIQ	212.1030, 25.7160, 29.5560

Conversions

Conversions Part 2

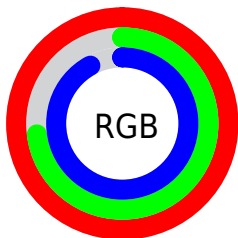
Format	Color
R _Y B	255, 186, 234
Decimal	16759530
CIE Lab	83.08, 32.14, -14.03
CIE LCh	83, 35.069, 336.426
Yxy	62.3183, 0.3318, 0.2808
Android (android.graphics.Color)	4294949610 (0xFFFFBAEA)
YUV	212.1030, 10.7952, 37.6207
Hunter-Lab	78.9419, 28.3558, -9.3138

Details

The Yxy color $62.3183, 0.3318, 0.2808$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $86.4419, 0.2978, 0.3827$, and the grayscale version is $65.8249, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.5812, 0.3133, 0.3175$, and $31.5872, 0.3359, 0.2699$ is the 20% darker color. If you saturate the color by 10%, you get $52.0818, 0.3411, 0.2626$, and if you desaturate by 10%, it is $74.4965, 0.3238, 0.2991$.

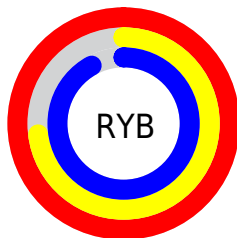
Distribution



Red (100%)

Green (73%)

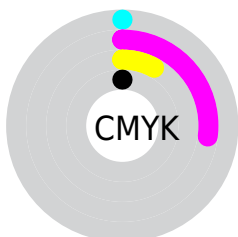
Blue (92%)



Red (100%)

Yellow (73%)

Blue (92%)

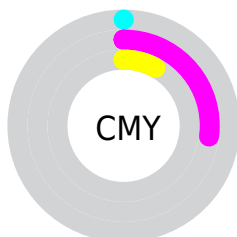


Cyan (0%)

Magenta (27%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.3183, 0.3318, 0.2808 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 62.3183, 0.3318, 0.2808 by changing the saturation by 10% instead.


 62.3183, 0.3318,
0.2808

 62.3183, 0.3318,
0.2808


433.0912, 0.3232,
0.3028

 45.2899, 0.3337,
0.2759


 108.1854, 0.3288,
0.2884

 31.6859, 0.3361,
0.2698


137.7930, 0.3277,
0.2913

 21.1217, 0.3390,
0.2622


172.3624, 0.3267,
0.2939

 13.2130, 0.3428,
0.2525

212.2781, 0.3258,
0.2961

 7.5754, 0.3478,
0.2394

257.9244, 0.3250,
0.2981

 3.8245, 0.3547,
0.2210

309.6858, 0.3243,

 1.5759, 0.3648,

0.2998

0.1935

367.9466, 0.3237,
0.3014

0.3412, 0.3944,
0.1182

0.0000, 0.2789,
0.0000

62.3183, 0.3318,
0.2808

62.3183, 0.3318,
0.2808

52.0818, 0.3411,
0.2626

74.4965, 0.3238,
0.2991

43.6765, 0.3516,
0.2453

88.7025, 0.3169,
0.3169

36.9935, 0.3633,
0.2298

99.9923, 0.3127,
0.3290

31.9091, 0.3758,
0.2174

■ 28.2827, 0.3889,
0.2090

■ 25.9493, 0.4020,
0.2054

■ 24.6984, 0.4148,
0.2069

■ 24.4417, 0.4185,
0.2079

Harmonies

Analogous

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



62.3183, 0.2871, 0.2619



62.3183, 0.3318, 0.2808



62.3183, 0.3737, 0.3107

Triad

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



62.3183, 0.3318, 0.2808



62.3183, 0.3737, 0.4043



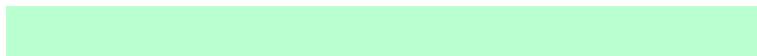
62.3183, 0.2338, 0.3020

Complementary

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



62.3183, 0.3318, 0.2808



86.4419, 0.2978, 0.3827

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.



62.3183, 0.2537, 0.3446



62.3183, 0.3318, 0.2808



62.3183, 0.3337, 0.4079

Square

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



62.3183, 0.3318, 0.2808



62.3183, 0.3982, 0.3803



62.3183, 0.2898, 0.3856



62.3183, 0.2333, 0.2713

Rectangle

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



62.3183, 0.3318, 0.2808



62.3183, 0.3929, 0.3341



62.3183, 0.2898, 0.3856



62.3183, 0.2383, 0.3153

Sweetspot

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



62.3211, 0.3318, 0.2808



87.2745, 0.3175, 0.3153



55.5698, 0.2798, 0.2539



18.2007, 0.3185, 0.3126



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.



62.3211, 0.3318, 0.2808



57.0235, 0.3362, 0.2717



60.5429, 0.3598, 0.3148



18.2007, 0.3185, 0.3126



12.8037, 0.4165, 0.2068



1.2661, 0.4029, 0.1993

Inverse Universe

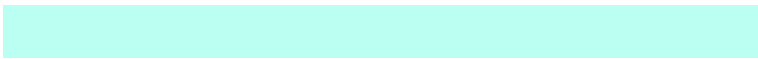
The Inverse Universe completely reimagines the original color for something new.



62.3211, 0.3318, 0.2808



57.0235, 0.3362, 0.2717



88.2980, 0.2800, 0.3438



18.2007, 0.3185, 0.3126



12.8037, 0.4165, 0.2068



1.2661, 0.4029, 0.1993

Previews

White Background



This preview shows how the Yxy color 62.3183, 0.3318, 0.2808 looks on a white background.

Color Contrast Check

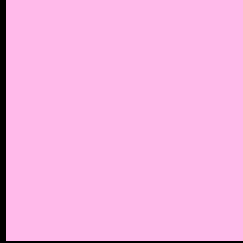
Large Text (above 18pt) WCAG AA × Fail

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 62.3183, 0.3318, 0.2808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

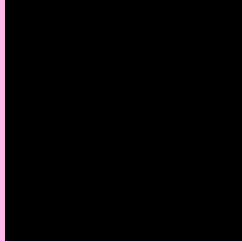
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.3183, 0.3318, 0.2808

Background



This preview shows how black text looks on a background with the Yxy color 62.3183, 0.3318, 0.2808.

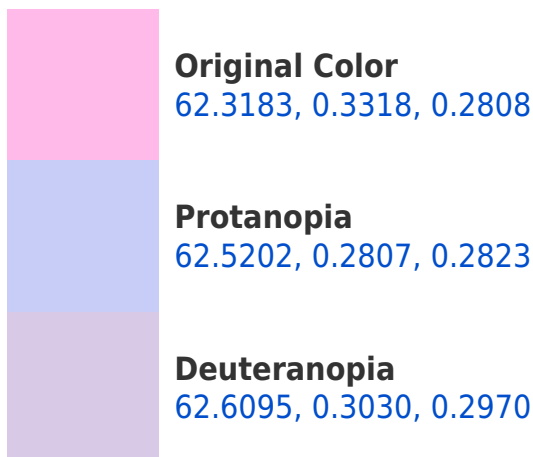


This preview shows how white text looks on a background with the Yxy color 62.3183, 0.3318, 0.2808.

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





Tritanopia

62.2271, 0.3504, 0.3135

Trichromacy



Original Color

62.3183, 0.3318, 0.2808



Protanomaly

61.8590, 0.2977, 0.2814



Deuteranomaly

62.1290, 0.3130, 0.2905



Tritanomaly

62.0485, 0.3434, 0.3012

Monochromacy



Original Color

62.3183, 0.3318, 0.2808



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

64.3732, 0.3197, 0.3106

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3183, 0.3318, 0.2808 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, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 234)  
}
```

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, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 234) }
```

Border

The CSS property to change the border of an element to Yxy 62.3183, 0.3318, 0.2808 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, 234) }
```

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

```
.border{ border-color:rgb(255, 186, 234) }
```

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, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3183, 0.3318, 0.2808 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, 234) }
```

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

```
.background{ background-color: rgb(255,  
186, 234) }
```

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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