

Converting Colors

$Y_{xy}(62.4223, 0.3313, 0.2802)$

Have a look what the booklet for
Yxy(62.4223, 0.3313, 0.2802)
contains.

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Color

Yxy(62.3760, 0.3310, 0.2798)

Conversions

Conversions Part 1

Format	Color
Hex	FFBAEB
RGB	255, 186, 235
RGB Percent	100%, 73%, 92%
CMY	0.0001, 0.2705, 0.0783
CMYK	0.00, 0.27, 0.08, 0.00
HSL	317°, 100%, 86%
HSV	317°, 27%, 100%
XYZ	73.7901, 62.3760, 86.7646
YIQ	212.2170, 25.3950, 29.8670

Conversions

Conversions Part 2

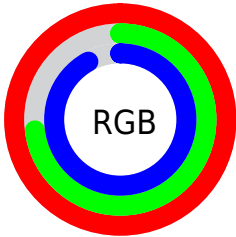
Format	Color
R _Y B	255, 186, 235
Decimal	16759531
CIE Lab	83.11, 32.33, -14.54
CIE LCh	83, 35.446, 335.790
Yxy	62.3760, 0.3310, 0.2798
Android (android.graphics.Color)	4294949611 (0xFFFFBAEB)
YUV	212.2170, 11.2320, 37.5207
Hunter-Lab	78.9785, 28.5612, -9.8502

Details

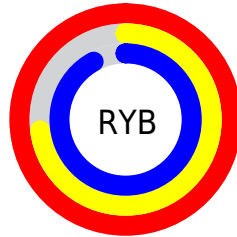
The Yxy color $62.3760, 0.3310, 0.2798$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $86.4004, 0.2983, 0.3839$, and the grayscale version is $65.9031, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.5812, 0.3133, 0.3175$, and $31.6275, 0.3348, 0.2687$ is the 20% darker color. If you saturate the color by 10%, you get $52.1584, 0.3398, 0.2613$, and if you desaturate by 10%, it is $74.5337, 0.3233, 0.2985$.

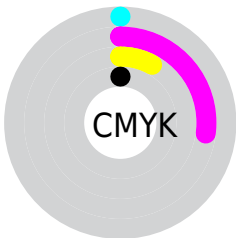
Distribution



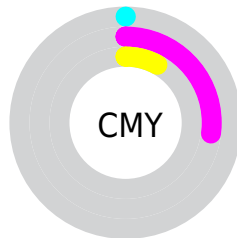
- Red (100%)
- Green (73%)
- Blue (92%)



- 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 62.3760, 0.3310, 0.2798 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 62.3760, 0.3310, 0.2798 by changing the saturation by 10% instead.

 62.3760, 0.3310,
0.2798

 62.3760, 0.3310,
0.2798

433.3013, 0.3228,
0.3022

 45.3366, 0.3328,
0.2748


 108.2688, 0.3282,
0.2875

 31.7226, 0.3350,
0.2686


137.8909, 0.3271,
0.2905

 21.1497, 0.3378,
0.2609


172.4761, 0.3261,
0.2931

 13.2335, 0.3414,
0.2510

212.4087, 0.3253,
0.2954

 7.5895, 0.3460,
0.2377

258.0731, 0.3245,
0.2974

 3.8334, 0.3525,
0.2191

309.8538, 0.3239,

 1.5808, 0.3618,

0.2992

0.1914

368.1350, 0.3233,
0.3008

0.3446, 0.3891,
0.1168

0.0000, 0.2575,
0.0000

62.3760, 0.3310,
0.2798

62.3760, 0.3310,
0.2798

52.1584, 0.3398,
0.2613

74.5337, 0.3233,
0.2985

43.7703, 0.3498,
0.2436

88.7175, 0.3167,
0.3167

37.1029, 0.3609,
0.2279

99.9955, 0.3127,
0.3290

32.0325, 0.3727,
0.2152

■ 28.4185, 0.3850,
0.2065

■ 26.0958, 0.3973,
0.2027

■ 24.8538, 0.4093,
0.2038

■ 24.6000, 0.4127,
0.2047

Harmonies

Analogous

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



62.3760, 0.2859, 0.2610



62.3760, 0.3310, 0.2798



62.3760, 0.3736, 0.3098

Triad

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



62.3760, 0.3310, 0.2798



62.3760, 0.3751, 0.4047



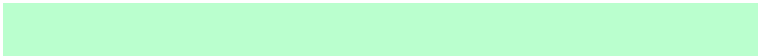
62.3760, 0.2332, 0.3025

Complementary

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



62.3760, 0.3310, 0.2798



86.4004, 0.2983, 0.3839

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.



62.3760, 0.2537, 0.3457



62.3760, 0.3310, 0.2798



62.3760, 0.3348, 0.4090

Square

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



62.3760, 0.3310, 0.2798



62.3760, 0.3994, 0.3801



62.3760, 0.2904, 0.3869



62.3760, 0.2323, 0.2712

Rectangle

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



62.3760, 0.3310, 0.2798



62.3760, 0.3933, 0.3334



62.3760, 0.2904, 0.3869



62.3760, 0.2380, 0.3161

Sweetspot

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



62.3788, 0.3310, 0.2798



87.2935, 0.3173, 0.3150



55.4003, 0.2790, 0.2537



18.2055, 0.3183, 0.3123



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.



62.3788, 0.3310, 0.2798



57.0924, 0.3352, 0.2706



60.5943, 0.3589, 0.3136



18.2055, 0.3183, 0.3123



12.8840, 0.4109, 0.2037



1.2734, 0.3981, 0.1967

Inverse Universe

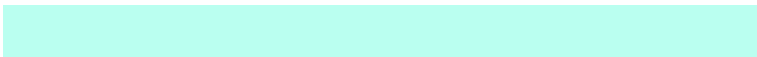
The Inverse Universe completely reimagines the original color for something new.



62.3788, 0.3310, 0.2798



57.0924, 0.3352, 0.2706



88.2390, 0.2806, 0.3451



18.2055, 0.3183, 0.3123



12.8840, 0.4109, 0.2037



1.2734, 0.3981, 0.1967

Previews

White Background



This preview shows how the Yxy color 62.3760, 0.3310, 0.2798 looks on a white background.

Color Contrast Check

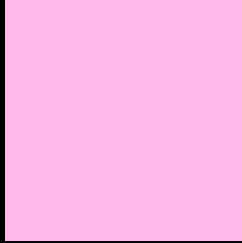
Large Text (above 18pt) WCAG AA × Fail

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 62.3760, 0.3310, 0.2798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

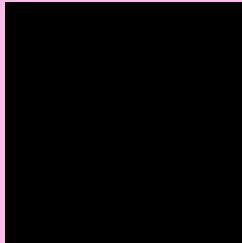
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.3760, 0.3310, 0.2798

Background



This preview shows how black text looks on a background with the Yxy color 62.3760, 0.3310, 0.2798.



This preview shows how white text looks on a background with the Yxy color 62.3760, 0.3310, 0.2798.

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

62.3760, 0.3310, 0.2798

Protanopia

62.9257, 0.2795, 0.2823

Deuteranopia

62.6662, 0.3023, 0.2960



Tritanopia

62.2271, 0.3504, 0.3135

Trichromacy



Original Color

62.3760, 0.3310, 0.2798



Protanomaly

62.3780, 0.2971, 0.2815



Deuteranomaly

62.1860, 0.3123, 0.2895



Tritanomaly

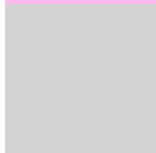
62.1004, 0.3426, 0.3002

Monochromacy



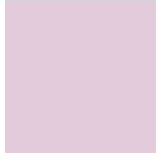
Original Color

62.3760, 0.3310, 0.2798



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 62.3760, 0.3310, 0.2798 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, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 235)  
}
```

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, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 235) }
```

Border

The CSS property to change the border of an element to Yxy 62.3760, 0.3310, 0.2798 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, 235) }
```

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

```
.border{ border-color:rgb(255, 186, 235) }
```

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, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3760, 0.3310, 0.2798 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, 235) }
```

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

```
.background{ background-color: rgb(255,  
186, 235) }
```

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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