

Converting Colors

$Yxy(65.1768, 0.3420, 0.2836)$

Have a look what the booklet for
Yxy(65.1768, 0.3420, 0.2836)
contains.

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Color

Yxy(62.7412, 0.3317, 0.2818)

Conversions

Conversions Part 1

Format	Color
Hex	FFBBEA
RGB	255, 187, 234
RGB Percent	100%, 73%, 92%
CMY	0.0001, 0.2666, 0.0824
CMYK	0.00, 0.27, 0.08, 0.00
HSL	319°, 100%, 87%
HSV	319°, 27%, 100%
XYZ	73.8512, 62.7412, 86.0521
YIQ	212.6900, 25.4410, 29.0330

Conversions

Conversions Part 2

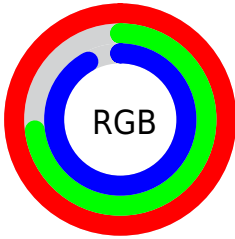
Format	Color
R _Y B	255, 187, 234
Decimal	16759786
CIE Lab	83.31, 31.62, -13.69
CIE LCh	83, 34.461, 336.586
Yxy	62.7412, 0.3317, 0.2818
Android (android.graphics.Color)	4294949866 (0xFFFFBBEA)
YUV	212.6900, 10.5058, 37.1059
Hunter-Lab	79.2093, 27.8089, -8.9654

Details

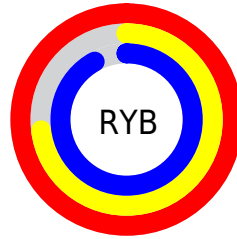
The Yxy color **62.7412, 0.3317, 0.2818** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.6207, 0.2978, 0.3814**, and the grayscale version is **66.2384, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **31.8597, 0.3357, 0.2711** is the 20% darker color. If you saturate the color by 10%, you get **52.4253, 0.3411, 0.2637**, and if you desaturate by 10%, it is **75.0034, 0.3236, 0.3000**.

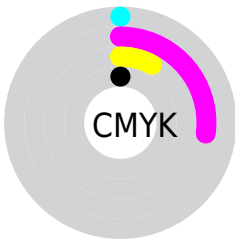
Distribution



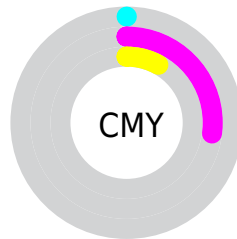
- Red (100%)
- Green (73%)
- Blue (92%)



- 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 62.7412, 0.3317, 0.2818 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 62.7412, 0.3317, 0.2818 by changing the saturation by 10% instead.

 62.7412, 0.3317,
0.2818

 62.7412, 0.3317,
0.2818


434.6296, 0.3231,
0.3033

 45.6319, 0.3336,
0.2770


 108.7961, 0.3288,
0.2892

 31.9554, 0.3360,
0.2711


138.5104, 0.3276,
0.2921

 21.3275, 0.3389,
0.2636


173.1952, 0.3266,
0.2946

 13.3636, 0.3426,
0.2541

213.2348, 0.3257,
0.2968

 7.6794, 0.3476,
0.2412

259.0136, 0.3250,
0.2987

 3.8905, 0.3546,
0.2232

310.9161, 0.3243,

 1.6125, 0.3648,

0.3004

0.1963

369.3267, 0.3237,
0.3019

0.3660, 0.3932,
0.1250

0.0000, 0.3100,
0.0000

62.7412, 0.3317,
0.2818

62.7412, 0.3317,
0.2818

52.4253, 0.3411,
0.2637

75.0034, 0.3236,
0.3000

43.9453, 0.3517,
0.2464

89.2976, 0.3167,
0.3177

37.1928, 0.3635,
0.2309

99.9938, 0.3127,
0.3290

32.0446, 0.3762,
0.2184

■ 28.3610, 0.3895,
0.2099

■ 25.9779, 0.4029,
0.2063

■ 24.6895, 0.4159,
0.2077

■ 24.3984, 0.4202,
0.2089

Harmonies

Analogous

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



62.7412, 0.2878, 0.2631



62.7412, 0.3317, 0.2818



62.7412, 0.3727, 0.3113

Triad

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



62.7412, 0.3317, 0.2818



62.7412, 0.3724, 0.4029



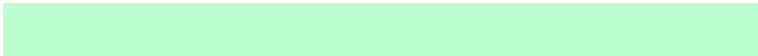
62.7412, 0.2352, 0.3024

Complementary

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



62.7412, 0.3317, 0.2818



86.6207, 0.2978, 0.3814

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.



62.7412, 0.2547, 0.3441



62.7412, 0.3317, 0.2818



62.7412, 0.3331, 0.4062

Square

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



62.7412, 0.3317, 0.2818



62.7412, 0.3965, 0.3795



62.7412, 0.2901, 0.3842



62.7412, 0.2347, 0.2723

Rectangle

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



62.7412, 0.3317, 0.2818



62.7412, 0.3914, 0.3343



62.7412, 0.2901, 0.3842



62.7412, 0.2396, 0.3155

Sweetspot

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



62.7440, 0.3317, 0.2818



87.2688, 0.3176, 0.3153



56.0921, 0.2804, 0.2551



18.1993, 0.3186, 0.3127



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.



62.7440, 0.3317, 0.2818



57.0032, 0.3365, 0.2721



61.0028, 0.3589, 0.3150



18.1993, 0.3186, 0.3127



12.7804, 0.4182, 0.2077



1.2640, 0.4043, 0.2001

Inverse Universe

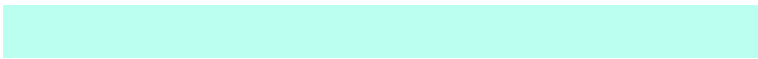
The Inverse Universe completely reimagines the original color for something new.



62.7440, 0.3317, 0.2818



57.0032, 0.3365, 0.2721



88.4402, 0.2804, 0.3436



18.1993, 0.3186, 0.3127



12.7804, 0.4182, 0.2077



1.2640, 0.4043, 0.2001

Previews

White Background



This preview shows how the Yxy color 62.7412, 0.3317, 0.2818 looks on a white background.

Color Contrast Check

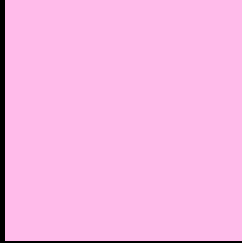
Large Text (above 18pt) WCAG AA × Fail

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 62.7412, 0.3317, 0.2818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

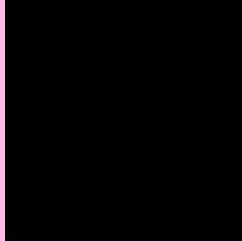
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.7412, 0.3317, 0.2818

Background



This preview shows how black text looks on a background with the Yxy color 62.7412, 0.3317, 0.2818.



This preview shows how white text looks on a background with the Yxy color 62.7412, 0.3317, 0.2818.

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

62.7412, 0.3317, 0.2818

Protanopia

63.0758, 0.2821, 0.2845

Deuteranopia

62.7623, 0.3037, 0.2971



Tritanopia

62.7135, 0.3494, 0.3135

Trichromacy



Original Color

62.7412, 0.3317, 0.2818



Protanomaly

62.4733, 0.2985, 0.2827



Deuteranomaly

62.7476, 0.3137, 0.2917



Tritanomaly

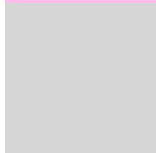
62.5321, 0.3424, 0.3012

Monochromacy



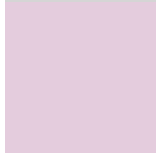
Original Color

62.7412, 0.3317, 0.2818



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

64.9002, 0.3189, 0.3106

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7412, 0.3317, 0.2818 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, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 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, 187, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 234) }
```

Border

The CSS property to change the border of an element to Yxy 62.7412, 0.3317, 0.2818 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, 234) }
```

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

```
.border{ border-color:rgb(255, 187, 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, 187, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7412, 0.3317, 0.2818 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, 234) }
```

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

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