

Converting Colors

$Y_{xy}(68.2758, 0.3664, 0.2985)$

Have a look what the booklet for
Yxy(68.2758, 0.3664, 0.2985)
contains.

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Color

Yxy(62.3937, 0.3427, 0.2964)

Conversions

Conversions Part 1

Format	Color
Hex	FFBCDC
RGB	255, 188, 220
RGB Percent	100%, 74%, 86%
CMY	0.0001, 0.2627, 0.1371
CMYK	0.00, 0.26, 0.14, 0.00
HSL	331°, 100%, 87%
HSV	331°, 26%, 100%
XYZ	72.1401, 62.3937, 75.9713
YIQ	211.6810, 29.6600, 24.1560

Conversions

Conversions Part 2

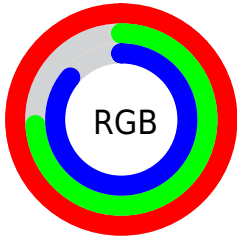
Format	Color
R _Y B	255, 188, 220
Decimal	16760028
CIE Lab	83.12, 28.84, -6.49
CIE LCh	83, 29.558, 347.320
Yxy	62.3937, 0.3427, 0.2964
Android (android.graphics.Color)	4294950108 (0xFFFFBCDC)
YUV	211.6810, 4.1013, 37.9908
Hunter-Lab	78.9897, 24.7894, -1.7316

Details

The Yxy color $62.3937, 0.3427, 0.2964$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $87.5285, 0.2905, 0.3642$, and the grayscale version is $65.5752, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.7848, 0.3132, 0.3194$, and $31.6371, 0.3496, 0.2885$ is the 20% darker color. If you saturate the color by 10%, you get $51.7696, 0.3585, 0.2835$, and if you desaturate by 10%, it is $75.0041, 0.3295, 0.3093$.

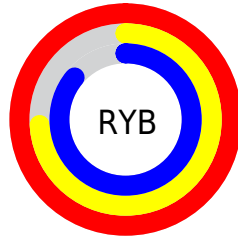
Distribution



Red (100%)

Green (74%)

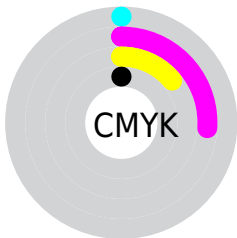
Blue (86%)



Red (100%)

Yellow (74%)

Blue (86%)

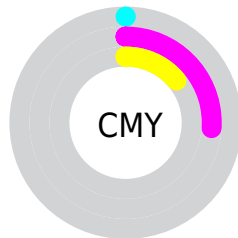


Cyan (0%)

Magenta (26%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (26%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.3937, 0.3427, 0.2964 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 62.3937, 0.3427, 0.2964 by changing the saturation by 10% instead.

 62.3937, 0.3427,
0.2964

 62.3937, 0.3427,
0.2964


433.3657, 0.3286,
0.3115

 45.3509, 0.3460,
0.2929


 108.2943, 0.3378,
0.3017

 31.7339, 0.3500,
0.2887


137.9210, 0.3359,
0.3037

 21.1583, 0.3552,
0.2832


172.5110, 0.3342,
0.3054

 13.2398, 0.3620,
0.2761

212.4488, 0.3328,
0.3070

 7.5939, 0.3715,
0.2665

258.1187, 0.3316,
0.3083

 3.8362, 0.3854,
0.2525

309.9053, 0.3305,

 1.5824, 0.4077,

0.3095

0.2307

368.1928, 0.3295,
0.3106

0.3457, 0.4711,
0.1555

0.0000, 0.0000,
0.0000

62.3937, 0.3427,
0.2964

62.3937, 0.3427,
0.2964

51.7696, 0.3585,
0.2835

75.0041, 0.3295,
0.3093

43.0208, 0.3771,
0.2711

89.6874, 0.3186,
0.3216

36.0382, 0.3986,
0.2601

99.9971, 0.3127,
0.3290

30.6978, 0.4227,
0.2518

■ 26.8595, 0.4486,
0.2476

■ 24.3591, 0.4750,
0.2484

■ 22.9928, 0.5004,
0.2548

■ 22.6599, 0.5096,
0.2581

Harmonies

Analogous

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



62.3937, 0.3046, 0.2761



62.3937, 0.3427, 0.2964



62.3937, 0.3738, 0.3246

Triad

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



62.3937, 0.3427, 0.2964



62.3937, 0.3534, 0.3958



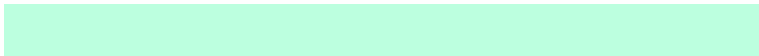
62.3937, 0.2433, 0.2957

Complementary

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



62.3937, 0.3427, 0.2964



87.5285, 0.2905, 0.3642

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.



62.3937, 0.2547, 0.3289



62.3937, 0.3427, 0.2964



62.3937, 0.3173, 0.3904

Square

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



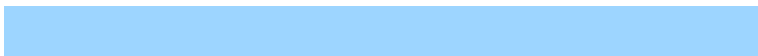
62.3937, 0.3427, 0.2964



62.3937, 0.3796, 0.3817



62.3937, 0.2813, 0.3649



62.3937, 0.2490, 0.2743

Rectangle

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



62.3937, 0.3427, 0.2964



62.3937, 0.3853, 0.3452



62.3937, 0.2813, 0.3649



62.3937, 0.2452, 0.3058

Sweetspot

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



62.3965, 0.3427, 0.2964



87.0010, 0.3203, 0.3195



58.8162, 0.2915, 0.2584



18.1317, 0.3219, 0.3177



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.



62.3965, 0.3427, 0.2964



56.0751, 0.3514, 0.2890



61.3377, 0.3691, 0.3303



18.1317, 0.3219, 0.3177



11.8717, 0.5057, 0.2560



1.1778, 0.4791, 0.2413

Inverse Universe

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



62.3965, 0.3427, 0.2964



56.0751, 0.3514, 0.2890



88.7117, 0.2741, 0.3277



18.1317, 0.3219, 0.3177



11.8717, 0.5057, 0.2560



1.1778, 0.4791, 0.2413

Previews

White Background



This preview shows how the Yxy color 62.3937, 0.3427, 0.2964 looks on a white background.

Color Contrast Check

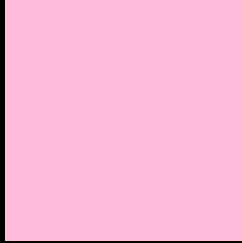
Large Text (above 18pt) WCAG AA × Fail

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 62.3937, 0.3427, 0.2964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

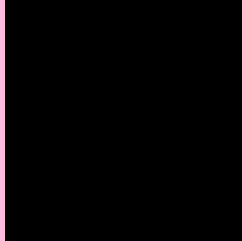
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.3937, 0.3427, 0.2964

Background



This preview shows how black text looks on a background with the Yxy color 62.3937, 0.3427, 0.2964.



This preview shows how white text looks on a background with the Yxy color 62.3937, 0.3427, 0.2964.

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

62.3937, 0.3427, 0.2964

Protanopia

62.7495, 0.2943, 0.3008

Deuteranopia

62.5232, 0.3174, 0.3103



Tritanopia

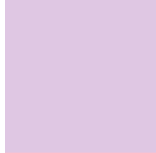
62.5520, 0.3528, 0.3146

Trichromacy



Original Color

62.3937, 0.3427, 0.2964



Protanomaly

62.0809, 0.3111, 0.2984



Deuteranomaly

62.2565, 0.3265, 0.3043



Tritanomaly

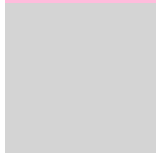
62.5509, 0.3497, 0.3085

Monochromacy



Original Color

62.3937, 0.3427, 0.2964



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 62.3937, 0.3427, 0.2964 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 220) }
```

Border

The CSS property to change the border of an element to Yxy 62.3937, 0.3427, 0.2964 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, 220) }
```

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

```
.border{ border-color:rgb(255, 188, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3937, 0.3427, 0.2964 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, 220) }
```

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

```
.background{ background-color: rgb(255,  
188, 220) }
```

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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