

Converting Colors

$Y_{xy}(69.2524, 0.3530, 0.3056)$

Have a look what the booklet for
Yxy(69.2524, 0.3530, 0.3056)
contains.

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Color

Yxy(66.4130, 0.3407, 0.3047)

Conversions

Conversions Part 1

Format	Color
Hex	FFC5DD
RGB	255, 197, 221
RGB Percent	100%, 77%, 87%
CMY	0.0000, 0.2274, 0.1335
CMYK	0.00, 0.23, 0.13, 0.00
HSL	335°, 100%, 89%
HSV	335°, 23%, 100%
XYZ	74.2596, 66.4130, 77.2893
YIQ	217.0780, 26.8640, 19.7600

Conversions

Conversions Part 2

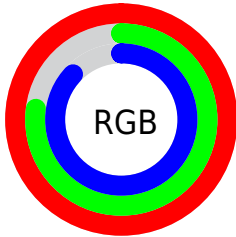
Format	Color
R_{YB}	255, 197, 221
Decimal	16762333
CIE _{Lab}	85.21, 24.28, -3.91
CIE _{LCh}	85, 24.591, 350.840
Yxy	66.4130, 0.3407, 0.3047
Android (android.graphics.Color)	4294952413 (0xFFFFC5DD)
YUV	217.0780, 1.9335, 33.2576
Hunter-Lab	81.4942, 20.0391, 0.8151

Details

The Yxy color **66.4130, 0.3407, 0.3047** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.1618, 0.2913, 0.3547**, and the grayscale version is **69.4141, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **34.4039, 0.3478, 0.2991** is the 20% darker color. If you saturate the color by 10%, you get **55.0321, 0.3574, 0.2934**, and if you desaturate by 10%, it is **79.8214, 0.3268, 0.3157**.

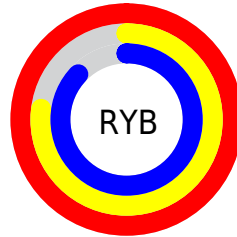
Distribution



Red (100%)

Green (77%)

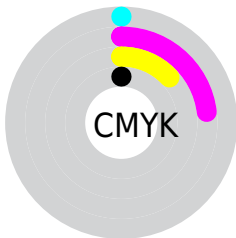
Blue (87%)



Red (100%)

Yellow (77%)

Blue (87%)

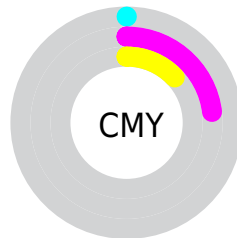


Cyan (0%)

Magenta (23%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.4130, 0.3407, 0.3047 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 66.4130, 0.3407, 0.3047 by changing the saturation by 10% instead.

 66.4130, 0.3407,
0.3047

 66.4130, 0.3407,
0.3047


447.8525, 0.3276,
0.3160

 48.6077, 0.3437,
0.3021

114.0789, 0.3361,
0.3086

 34.3084, 0.3475,
0.2990


144.7083, 0.3344,
0.3101

 23.1306, 0.3522,
0.2949


180.3813, 0.3329,
0.3114

 14.6900, 0.3585,
0.2897

221.4821, 0.3315,
0.3126

 8.6021, 0.3672,
0.2825

268.3953, 0.3304,
0.3136

 4.4826, 0.3799,
0.2721


321.5051, 0.3294,


 1.9470, 0.4001,


0.3145


0.2559


381.1960, 0.3284,
0.3152


 0.5764, 0.4434,
0.2171

 0.0000, 1.0000,
0.0000


 66.4130, 0.3407,
0.3047


 66.4130, 0.3407,
0.3047

 55.0321, 0.3574,
0.2934


 79.8214, 0.3268,
0.3157

 45.5817, 0.3775,
0.2824

 95.3539, 0.3155,
0.3262

 37.9517, 0.4010,
0.2724

100.0000, 0.3127,
0.3290

 32.0221, 0.4278,
0.2646

■ 27.6584, 0.4572,
0.2602

■ 24.7055, 0.4877,
0.2605

■ 22.9755, 0.5173,
0.2663

■ 22.2877, 0.5372,
0.2733

Harmonies

Analogous

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



66.4130, 0.3099, 0.2868



66.4130, 0.3407, 0.3047



66.4130, 0.3645, 0.3287

Triad

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



66.4130, 0.3407, 0.3047



66.4130, 0.3431, 0.3836



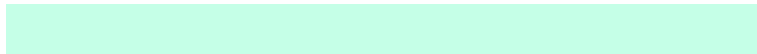
66.4130, 0.2553, 0.2995

Complementary

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



66.4130, 0.3407, 0.3047



89.1618, 0.2913, 0.3547

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.



66.4130, 0.2633, 0.3258



66.4130, 0.3407, 0.3047



66.4130, 0.3131, 0.3767

Square

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



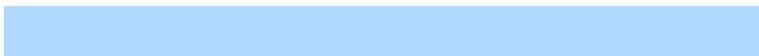
66.4130, 0.3407, 0.3047



66.4130, 0.3655, 0.3744



66.4130, 0.2841, 0.3549



66.4130, 0.2617, 0.2829

Rectangle

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



66.4130, 0.3407, 0.3047



66.4130, 0.3725, 0.3458



66.4130, 0.2841, 0.3549



66.4130, 0.2564, 0.3075

Sweetspot

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



66.4119, 0.3407, 0.3047



88.4790, 0.3200, 0.3219



64.1144, 0.2976, 0.2691



18.7363, 0.3207, 0.3212



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.



66.4119, 0.3407, 0.3047



61.3269, 0.3474, 0.2999



67.4547, 0.3586, 0.3341



18.1116, 0.3229, 0.3192



11.6738, 0.5330, 0.2710



1.1578, 0.5033, 0.2546

Inverse Universe

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



66.4119, 0.3407, 0.3047



61.3269, 0.3474, 0.2999



87.5654, 0.2785, 0.3238



18.1116, 0.3229, 0.3192



11.6738, 0.5330, 0.2710



1.1578, 0.5033, 0.2546

Previews

White Background



This preview shows how the Yxy color 66.4130, 0.3407, 0.3047 looks on a white background.

Color Contrast Check

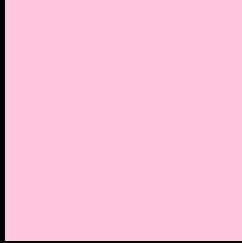
Large Text (above 18pt) WCAG AA × Fail

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 66.4130, 0.3407, 0.3047 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 66.4130, 0.3407, 0.3047

Background



This preview shows how black text looks on a background with the Yxy color 66.4130, 0.3407, 0.3047.

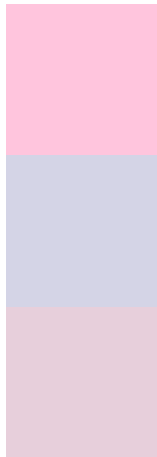


This preview shows how white text looks on a background with the Yxy color 66.4130, 0.3407, 0.3047.

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

66.4130, 0.3407, 0.3047

Protanopia

66.7972, 0.3007, 0.3091

Deuteranopia

66.7290, 0.3224, 0.3161



Tritanopia

66.3140, 0.3452, 0.3127

Trichromacy



Original Color

66.4130, 0.3407, 0.3047

Protanomaly

66.6657, 0.3145, 0.3075

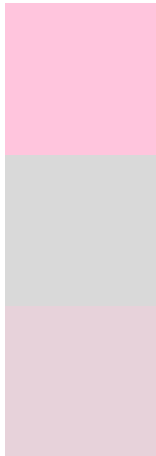
Deuteranomaly

66.4044, 0.3289, 0.3111

Tritanomaly

66.4688, 0.3428, 0.3097

Monochromacy



Original Color

66.4130, 0.3407, 0.3047

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.1441, 0.3228, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4130, 0.3407, 0.3047 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, 197, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 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, 197, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 221) }
```

Border

The CSS property to change the border of an element to Yxy 66.4130, 0.3407, 0.3047 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, 197, 221) }
```

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

```
.border{ border-color:rgb(255, 197, 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, 197, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4130, 0.3407, 0.3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 221) }
```

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

```
.background{ background-color: rgb(255,  
197, 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](#).

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