

Converting Colors

$Y_{xy}(112.8728, 0.4590, 0.3144)$

Have a look what the booklet for
Yxy(112.8728, 0.4590, 0.3144)
contains.

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Color

Yxy(65.9603, 0.3408, 0.3036)

Conversions

Conversions Part 1

Format	Color
Hex	FFC4DD
RGB	255, 196, 221
RGB Percent	100%, 77%, 87%
CMY	0.0000, 0.2314, 0.1332
CMYK	0.00, 0.23, 0.13, 0.00
HSL	335°, 100%, 88%
HSV	335°, 23%, 100%
XYZ	74.0424, 65.9603, 77.2578
YIQ	216.4910, 27.1390, 20.2830

Conversions

Conversions Part 2

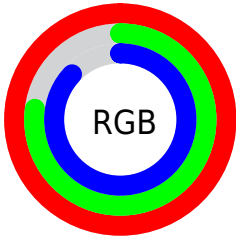
Format	Color
R _{YB}	255, 196, 221
Decimal	16762077
CIE Lab	84.98, 24.82, -4.29
CIE LCh	85, 25.189, 350.199
Yxy	65.9603, 0.3408, 0.3036
Android (android.graphics.Color)	4294952157 (0xFFFFC4DD)
YUV	216.4910, 2.2229, 33.7724
Hunter-Lab	81.2159, 20.6057, 0.4507

Details

The Yxy color **65.9603, 0.3408, 0.3036** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.9652, 0.2913, 0.3560**, and the grayscale version is **68.9898, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **34.1049, 0.3480, 0.2978** is the 20% darker color. If you saturate the color by 10%, you get **54.6670, 0.3573, 0.2920**, and if you desaturate by 10%, it is **79.2714, 0.3271, 0.3150**.

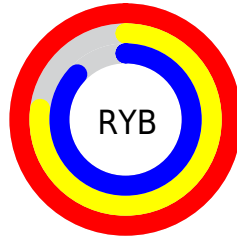
Distribution



Red (100%)

Green (77%)

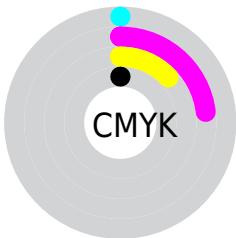
Blue (87%)



Red (100%)

Yellow (77%)

Blue (87%)

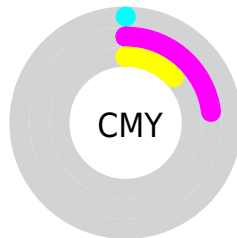


Cyan (0%)

Magenta (23%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (23%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.9603, 0.3408, 0.3036 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 65.9603, 0.3408, 0.3036 by changing the saturation by 10% instead.


 65.9603, 0.3408,
0.3036

 65.9603, 0.3408,
0.3036

446.2349, 0.3277,
0.3154

 48.2402, 0.3438,
0.3009

 113.4294, 0.3362,
0.3077

 34.0171, 0.3476,
0.2976

143.9471, 0.3344,
0.3093

 22.9068, 0.3524,
0.2934


179.4994, 0.3329,
0.3106

 14.5247, 0.3587,
0.2879

220.4709, 0.3316,
0.3118

 8.4865, 0.3674,
0.2804

267.2457, 0.3304,
0.3129

 4.4078, 0.3801,
0.2696

320.2084, 0.3294,

 1.9042, 0.4005,

0.3138

0.2527

379.7433, 0.3285,
0.3146

0.5509, 0.4451,
0.2107

0.0000, 1.0000,
0.0000

65.9603, 0.3408,
0.3036

65.9603, 0.3408,
0.3036

54.6670, 0.3573,
0.2920

79.2714, 0.3271,
0.3150

45.2992, 0.3771,
0.2807

94.7020, 0.3158,
0.3258

37.7449, 0.4002,
0.2705

100.0000, 0.3127,
0.3290

31.8837, 0.4265,
0.2626

■ 27.5806, 0.4553,
0.2581

■ 24.6795, 0.4851,
0.2584

■ 22.9911, 0.5140,
0.2642

■ 22.3474, 0.5325,
0.2707

Harmonies

Analogous

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



65.9603, 0.3091, 0.2855



65.9603, 0.3408, 0.3036



65.9603, 0.3655, 0.3281

Triad

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



65.9603, 0.3408, 0.3036



65.9603, 0.3444, 0.3850



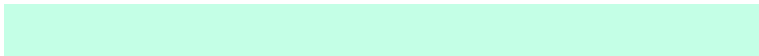
65.9603, 0.2539, 0.2992

Complementary

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



65.9603, 0.3408, 0.3036



88.9652, 0.2913, 0.3560

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.



65.9603, 0.2623, 0.3264



65.9603, 0.3408, 0.3036



65.9603, 0.3138, 0.3784

Square

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



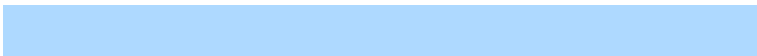
65.9603, 0.3408, 0.3036



65.9603, 0.3673, 0.3752



65.9603, 0.2839, 0.3562



65.9603, 0.2601, 0.2819

Rectangle

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



65.9603, 0.3408, 0.3036



65.9603, 0.3740, 0.3456



65.9603, 0.2839, 0.3562



65.9603, 0.2551, 0.3074

Sweetspot

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



65.9576, 0.3408, 0.3036



88.4911, 0.3199, 0.3217



63.4240, 0.2966, 0.2678



18.7391, 0.3206, 0.3210



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.



65.9576, 0.3408, 0.3036



60.2250, 0.3484, 0.2980



66.5184, 0.3599, 0.3332



18.1150, 0.3227, 0.3190



11.7053, 0.5284, 0.2684



1.1610, 0.4992, 0.2523

Inverse Universe

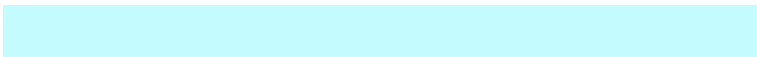
The Inverse Universe completely reimagines the original color for something new.



65.9576, 0.3408, 0.3036



60.2250, 0.3484, 0.2980



87.9900, 0.2780, 0.3248



18.1150, 0.3227, 0.3190



11.7053, 0.5284, 0.2684



1.1610, 0.4992, 0.2523

Previews

White Background



This preview shows how the Yxy color 65.9603, 0.3408, 0.3036 looks on a white background.

Color Contrast Check

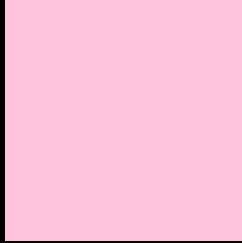
Large Text (above 18pt) WCAG AA × Fail

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 65.9603, 0.3408, 0.3036 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 65.9603, 0.3408, 0.3036

Background



This preview shows how black text looks on a background with the Yxy color 65.9603, 0.3408, 0.3036.



This preview shows how white text looks on a background with the Yxy color 65.9603, 0.3408, 0.3036.

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

65.9603, 0.3408, 0.3036

Protanopia

66.1506, 0.3000, 0.3079

Deuteranopia

66.0801, 0.3217, 0.3150



Tritanopia

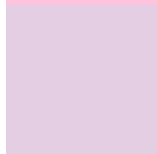
65.8074, 0.3461, 0.3127

Trichromacy



Original Color

65.9603, 0.3408, 0.3036



Protanomaly

66.0196, 0.3138, 0.3064



Deuteranomaly

65.7591, 0.3283, 0.3100



Tritanomaly

65.9612, 0.3438, 0.3096

Monochromacy



Original Color

65.9603, 0.3408, 0.3036



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

67.4859, 0.3222, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9603, 0.3408, 0.3036 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, 196, 221)` looks like.

```
.text, #text, p{  
  color:rgb(255, 196, 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, 196, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 221) }
```

Border

The CSS property to change the border of an element to Yxy 65.9603, 0.3408, 0.3036 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, 196, 221) }
```

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

```
.border{ border-color:rgb(255, 196, 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, 196, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9603, 0.3408, 0.3036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 221) }
```

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

```
.background{ background-color: rgb(255,  
196, 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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