

Converting Colors

Yxy(66.5696, 0.3450, 0.3115)

Have a look what the booklet for
Yxy(66.5696, 0.3450, 0.3115)
contains.

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Color

Yxy(66.5545, 0.3452, 0.3117)

Conversions

Conversions Part 1

Format	Color
Hex	FFC6D7
RGB	255, 198, 215
RGB Percent	100%, 78%, 84%
CMY	0.0000, 0.2235, 0.1568
CMYK	0.00, 0.22, 0.16, 0.00
HSL	342°, 100%, 89%
HSV	342°, 22%, 100%
XYZ	73.7075, 66.5545, 73.2591
YIQ	216.9810, 28.5150, 17.3710

Conversions

Conversions Part 2

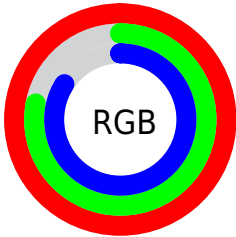
Format	Color
R _Y B	255, 198, 215
Decimal	16762583
CIE Lab	85.28, 22.82, -0.63
CIE LCh	85, 22.832, 358.408
Yxy	66.5545, 0.3452, 0.3117
Android (android.graphics.Color)	4294952663 (0xFFFFC6D7)
YUV	216.9810, -0.9766, 33.3427
Hunter-Lab	81.5809, 18.5061, 3.8647

Details

The Yxy color **66.5545, 0.3452, 0.3117** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.6971, 0.2882, 0.3471**, and the grayscale version is **69.3645, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.4903, 0.3539, 0.3082** is the 20% darker color. If you saturate the color by 10%, you get **54.9908, 0.3652, 0.3035**, and if you desaturate by 10%, it is **80.1778, 0.3288, 0.3197**.

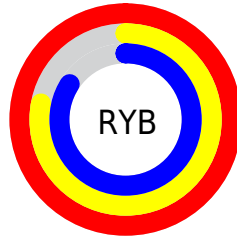
Distribution



Red (100%)

Green (78%)

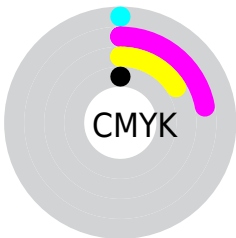
Blue (84%)



Red (100%)

Yellow (78%)

Blue (84%)

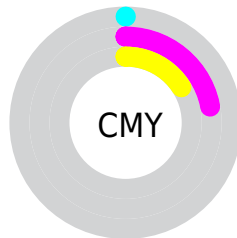


Cyan (0%)

Magenta (22%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (22%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.5545, 0.3452, 0.3117 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 66.5545, 0.3452, 0.3117 by changing the saturation by 10% instead.


 66.5545, 0.3452,
0.3117

 66.5545, 0.3452,
0.3117

448.3574, 0.3299,
0.3198

 48.7227, 0.3487,
0.3098

114.2818, 0.3399,
0.3145

 34.3995, 0.3532,
0.3075


144.9461, 0.3378,
0.3156

 23.2007, 0.3588,
0.3045


180.6567, 0.3360,
0.3166

 14.7418, 0.3663,
0.3005

221.7979, 0.3345,
0.3174

 8.6384, 0.3766,
0.2951

268.7542, 0.3331,
0.3181

 4.5061, 0.3919,
0.2871


321.9099, 0.3319,


 1.9605, 0.4166,


0.3188

0.2742


381.6495, 0.3309,
0.3193


 0.5844, 0.4746,
0.2427

 0.0000, 1.0000,
0.0000


 66.5545, 0.3452,
0.3117


 66.5545, 0.3452,
0.3117

 54.9908, 0.3652,
0.3035


 80.1778, 0.3288,
0.3197

 45.3902, 0.3895,
0.2955

 95.9600, 0.3155,
0.3273

 37.6410, 0.4184,
0.2884

100.0000, 0.3127,
0.3290

 31.6221, 0.4515,
0.2832

■ 27.1979, 0.4878,
0.2811

■ 24.2125, 0.5248,
0.2832

■ 22.4775, 0.5591,
0.2901

■ 21.7835, 0.5816,
0.2978

Harmonies

Analogous

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



66.5545, 0.3175, 0.2931



66.5545, 0.3452, 0.3117



66.5545, 0.3643, 0.3349

Triad

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



66.5545, 0.3452, 0.3117



66.5545, 0.3343, 0.3794



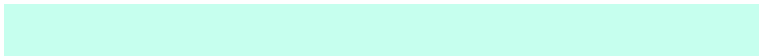
66.5545, 0.2596, 0.2968

Complementary

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



66.5545, 0.3452, 0.3117



89.6971, 0.2882, 0.3471

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.



66.5545, 0.2636, 0.3195



66.5545, 0.3452, 0.3117



66.5545, 0.3060, 0.3691

Square

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



66.5545, 0.3452, 0.3117



66.5545, 0.3576, 0.3745



66.5545, 0.2803, 0.3465



66.5545, 0.2688, 0.2841

Rectangle

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



66.5545, 0.3452, 0.3117



66.5545, 0.3691, 0.3506



66.5545, 0.2803, 0.3465



66.5545, 0.2594, 0.3035

Sweetspot

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



66.5529, 0.3452, 0.3117



88.3549, 0.3213, 0.3238



65.7655, 0.3028, 0.2710



18.7076, 0.3221, 0.3234



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.



66.5529, 0.3452, 0.3117



60.9316, 0.3540, 0.3079



71.1325, 0.3562, 0.3408



18.0763, 0.3247, 0.3219



11.4051, 0.5774, 0.2954



1.1287, 0.5454, 0.2778

Inverse Universe

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



66.5529, 0.3452, 0.3117



60.9316, 0.3540, 0.3079



83.6854, 0.2785, 0.3168



18.0763, 0.3247, 0.3219



11.4051, 0.5774, 0.2954



1.1287, 0.5454, 0.2778

Previews

White Background



This preview shows how the Yxy color 66.5545, 0.3452, 0.3117 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 66.5545, 0.3452, 0.3117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

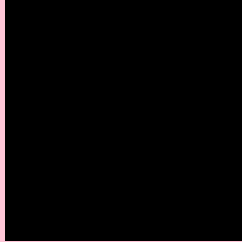
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.5545, 0.3452, 0.3117

Background



This preview shows how black text looks on a background with the Yxy color 66.5545, 0.3452, 0.3117.



This preview shows how white text looks on a background with the Yxy color 66.5545, 0.3452, 0.3117.

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

66.5545, 0.3452, 0.3117

Protanopia

66.7108, 0.3067, 0.3168

Deuteranopia

66.9222, 0.3290, 0.3226



Tritanopia

66.5032, 0.3460, 0.3127

Trichromacy



Original Color

66.5545, 0.3452, 0.3117

Protanomaly

66.4510, 0.3202, 0.3150

Deuteranomaly

66.9180, 0.3348, 0.3185

Tritanomaly

66.5032, 0.3460, 0.3127

Monochromacy



Original Color

66.5545, 0.3452, 0.3117

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.0400, 0.3243, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5545, 0.3452, 0.3117 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, 198, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 215)  
}
```

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, 198, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 215) }
```

Border

The CSS property to change the border of an element to Yxy 66.5545, 0.3452, 0.3117 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, 198, 215) }
```

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

```
.border{ border-color:rgb(255, 198, 215) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 198, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5545, 0.3452, 0.3117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 215) }
```

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

```
.background{ background-color: rgb(255,  
198, 215) }
```

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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