

Converting Colors

$Y_{xy}(65.0989, 0.3394, 0.3116)$

Have a look what the booklet for
Yxy(65.0989, 0.3394, 0.3116)
contains.

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Color

Yxy(65.0686, 0.3388, 0.3113)

Conversions

Conversions Part 1

Format	Color
Hex	F7C6D7
RGB	247, 198, 215
RGB Percent	97%, 78%, 84%
CMY	0.0314, 0.2235, 0.1567
CMYK	0.00, 0.20, 0.13, 0.03
HSL	339°, 75%, 87%
HSV	339°, 20%, 97%
XYZ	70.8167, 65.0686, 73.1369
YIQ	214.5890, 23.7470, 15.6750

Conversions

Conversions Part 2

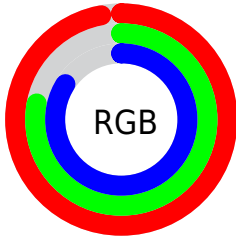
Format	Color
R _Y B	247, 198, 215
Decimal	16238295
CIE Lab	84.52, 20.01, -1.85
CIE LCh	85, 20.096, 354.729
Yxy	65.0686, 0.3388, 0.3113
Android (android.graphics.Color)	4294428375 (0xFFF7C6D7)
YUV	214.5890, 0.2026, 28.4244
Hunter-Lab	80.6651, 15.5430, 2.7090

Details

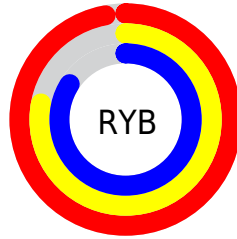
The Yxy color $65.0686, 0.3388, 0.3113$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $84.2310, 0.2922, 0.3475$, and the grayscale version is $67.6514, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $33.4317, 0.3454, 0.3075$ is the 20% darker color. If you saturate the color by 10%, you get $53.8974, 0.3564, 0.3018$, and if you desaturate by 10%, it is $78.1683, 0.3243, 0.3205$.

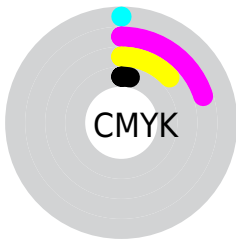
Distribution



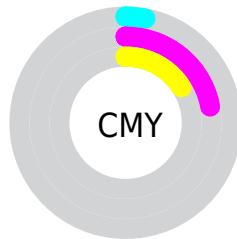
- Red (97%)
- Green (78%)
- Blue (84%)



- Red (97%)
- Yellow (78%)
- Blue (84%)



- Cyan (0%)
- Magenta (20%)
- Yellow (13%)
- Black (3%)





- Cyan (3%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.0686, 0.3388, 0.3113 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 65.0686, 0.3388, 0.3113 by changing the saturation by 10% instead.

 65.0686, 0.3388,
0.3113

 65.0686, 0.3388,
0.3113


443.0384, 0.3265,
0.3196

 47.5167, 0.3417,
0.3094


112.1485, 0.3345,
0.3142

 33.4443, 0.3452,
0.3070


142.4453, 0.3328,
0.3153

 22.4670, 0.3498,
0.3040


177.7591, 0.3314,
0.3163

 14.2005, 0.3558,
0.2999


218.4744, 0.3302,
0.3171

 8.2602, 0.3643,
0.2944

264.9756, 0.3291,
0.3179

 4.2619, 0.3767,
0.2862

317.6471, 0.3281,

 1.8211, 0.3970,

0.3185

0.2731

376.8733, 0.3273,
0.3191

0.5003, 0.4524,
0.2333

0.0000, 0.0000,
0.0000

65.0686, 0.3388,
0.3113

65.0686, 0.3388,
0.3113

53.8974, 0.3564,
0.3018

78.1683, 0.3243,
0.3205

44.5543, 0.3778,
0.2924

93.2730, 0.3125,
0.3291

36.9435, 0.4032,
0.2837

98.5116, 0.3078,
0.3290

30.9564, 0.4325,
0.2767

■ 26.4723, 0.4652,
0.2726

■ 23.3534, 0.4995,
0.2727

■ 21.4358, 0.5329,
0.2778

■ 20.4545, 0.5627,
0.2874

■ 20.4409, 0.5632,
0.2876

Harmonies

Analogous

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



65.0686, 0.3139, 0.2954



65.0686, 0.3388, 0.3113



65.0686, 0.3569, 0.3318

Triad

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



65.0686, 0.3388, 0.3113



65.0686, 0.3349, 0.3737



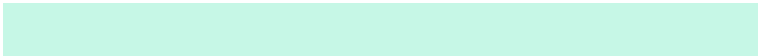
65.0686, 0.2651, 0.3026

Complementary

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



65.0686, 0.3388, 0.3113



84.2310, 0.2922, 0.3475

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.



65.0686, 0.2703, 0.3236



65.0686, 0.3388, 0.3113



65.0686, 0.3100, 0.3662

Square

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



65.0686, 0.3388, 0.3113



65.0686, 0.3544, 0.3682



65.0686, 0.2865, 0.3473



65.0686, 0.2720, 0.2899

Rectangle

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



65.0686, 0.3388, 0.3113



65.0686, 0.3624, 0.3459



65.0686, 0.2865, 0.3473



65.0686, 0.2655, 0.3089

Sweetspot

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



65.0715, 0.3388, 0.3113



89.9973, 0.3195, 0.3239



63.9037, 0.3023, 0.2777



19.0404, 0.3203, 0.3233



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.



65.0715, 0.3388, 0.3113



64.6645, 0.3458, 0.3073



67.6819, 0.3507, 0.3368



16.5776, 0.3239, 0.3208



10.8361, 0.5588, 0.2852



0.9710, 0.5240, 0.2660

Inverse Universe

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



65.0715, 0.3388, 0.3113



64.6645, 0.3458, 0.3073



80.8295, 0.2825, 0.3210



16.5776, 0.3239, 0.3208



10.8361, 0.5588, 0.2852



0.9710, 0.5240, 0.2660

Previews

White Background



This preview shows how the Yxy color 65.0686, 0.3388, 0.3113 looks on a white background.

Color Contrast Check

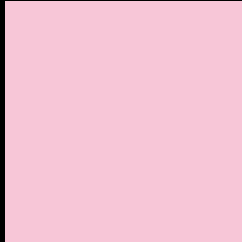
Large Text (above 18pt) WCAG AA × Fail

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 65.0686, 0.3388, 0.3113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

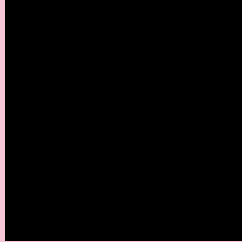
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.0686, 0.3388, 0.3113

Background



This preview shows how black text looks on a background with the Yxy color 65.0686, 0.3388, 0.3113.



This preview shows how white text looks on a background with the Yxy color 65.0686, 0.3388, 0.3113.

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

65.0686, 0.3388, 0.3113

Protanopia

65.3642, 0.3060, 0.3156

Deuteranopia

65.3407, 0.3254, 0.3193



Tritanopia

65.0174, 0.3396, 0.3124

Trichromacy



Original Color

65.0686, 0.3388, 0.3113

Protanomaly

65.2646, 0.3179, 0.3148

Deuteranomaly

64.9290, 0.3304, 0.3162

Tritanomaly

65.0174, 0.3396, 0.3124

Monochromacy



Original Color

65.0686, 0.3388, 0.3113

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

66.8381, 0.3220, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0686, 0.3388, 0.3113 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(247, 198, 215)` looks like.

```
.text, #text, p{  
    color:rgb(247, 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(247, 198, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 198, 215) }
```

Border

The CSS property to change the border of an element to Yxy 65.0686, 0.3388, 0.3113 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(247, 198, 215) }
```

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

```
.border{ border-color:rgb(247, 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(247, 198, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 198, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 198, 215);  
box-shadow:4px 4px 4px 4px rgb(247, 198,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0686, 0.3388, 0.3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 198, 215) }
```

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

```
.background{ background-color: rgb(247,  
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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