

Converting Colors

$Y_{xy}(65.5618, 0.3482, 0.3171)$

Have a look what the booklet for
Yxy(65.5618, 0.3482, 0.3171)
contains.

Yxy(65.4186, 0.3485, 0.3167)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(65.4186, 0.3485, 0.3167)

Conversions

Conversions Part 1

Format	Color
Hex	FDC5D1
RGB	253, 197, 209
RGB Percent	99%, 77%, 82%
CMY	0.0078, 0.2275, 0.1804
CMYK	0.00, 0.22, 0.17, 0.01
HSL	347°, 93%, 88%
HSV	347°, 22%, 99%
XYZ	71.9873, 65.4186, 69.1574
YIQ	215.1120, 29.5240, 15.6040

Conversions

Conversions Part 2

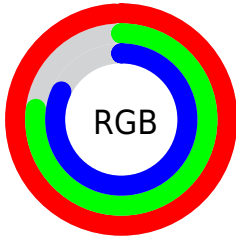
Format	Color
R _Y B	253, 197, 209
Decimal	16631249
CIE Lab	84.70, 21.72, 1.70
CIE LCh	85, 21.786, 4.476
Yxy	65.4186, 0.3485, 0.3167
Android (android.graphics.Color)	4294821329 (0xFFFDC5D1)
YUV	215.1120, -3.0132, 33.2278
Hunter-Lab	80.8818, 17.3275, 5.9217

Details

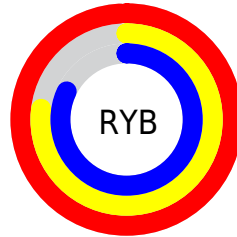
The Yxy color **65.4186, 0.3485, 0.3167** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.4820, 0.2859, 0.3417**, and the grayscale version is **68.0433, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **33.7472, 0.3574, 0.3132** is the 20% darker color. If you saturate the color by 10%, you get **53.9554, 0.3710, 0.3108**, and if you desaturate by 10%, it is **78.9389, 0.3302, 0.3225**.

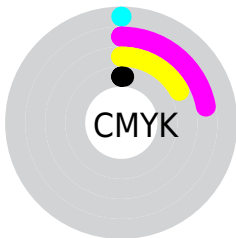
Distribution



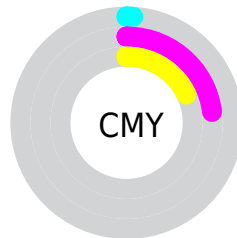
- Red (99%)
- Green (77%)
- Blue (82%)



- Red (99%)
- Yellow (77%)
- Blue (82%)



- Cyan (0%)
- Magenta (22%)
- Yellow (17%)
- Black (1%)





- Cyan (1%)
- Magenta (23%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.4186, 0.3485, 0.3167 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 65.4186, 0.3485, 0.3167 by changing the saturation by 10% instead.


 65.4186, 0.3485,
0.3167

 65.4186, 0.3485,
0.3167

444.2947, 0.3316,
0.3226

 47.8006, 0.3525,
0.3153


112.6515, 0.3426,
0.3188

 33.6690, 0.3574,
0.3136


143.0351, 0.3403,
0.3196

 22.6394, 0.3638,
0.3113


178.4427, 0.3383,
0.3203

 14.3275, 0.3722,
0.3083

219.2588, 0.3366,
0.3209

 8.3488, 0.3839,
0.3040

265.8676, 0.3351,
0.3214

 4.3189, 0.4014,
0.2976


318.6536, 0.3338,

 1.8535, 0.4301,


0.3218


0.2868

378.0012, 0.3326,
0.3222

 0.5202, 0.5176,
0.2593


 0.0000, 0.0000,
0.0000


 65.4186, 0.3485,
0.3167


 65.4186, 0.3485,
0.3167

 53.9554, 0.3710,
0.3108


 78.9389, 0.3302,
0.3225

 44.4397, 0.3985,
0.3051

 94.6010, 0.3155,
0.3279

 36.7651, 0.4312,
0.3002

 99.6256, 0.3115,
0.3290

 30.8117, 0.4689,
0.2968

■ 26.4450, 0.5097,
0.2961

■ 23.5106, 0.5503,
0.2988

■ 21.8223, 0.5858,
0.3054

■ 21.1541, 0.6077,
0.3121

Harmonies

Analogous

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



65.4186, 0.3230, 0.2976



65.4186, 0.3485, 0.3167



65.4186, 0.3643, 0.3394

Triad

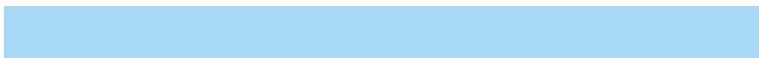
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.4186, 0.3485, 0.3167



65.4186, 0.3282, 0.3764



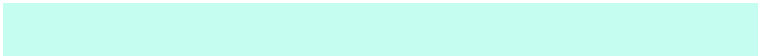
65.4186, 0.2624, 0.2948

Complementary

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



65.4186, 0.3485, 0.3167



88.4820, 0.2859, 0.3417

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.



65.4186, 0.2637, 0.3150



65.4186, 0.3485, 0.3167



65.4186, 0.3009, 0.3638

Square

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



65.4186, 0.3485, 0.3167



65.4186, 0.3520, 0.3747



65.4186, 0.2775, 0.3406



65.4186, 0.2738, 0.2847

Rectangle

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



65.4186, 0.3485, 0.3167



65.4186, 0.3669, 0.3541



65.4186, 0.2775, 0.3406



65.4186, 0.2614, 0.3005

Sweetspot

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



65.4216, 0.3485, 0.3167



88.2647, 0.3223, 0.3253



65.7046, 0.3063, 0.2722



18.6867, 0.3232, 0.3250



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.



65.4216, 0.3485, 0.3167



60.6537, 0.3589, 0.3138



72.4402, 0.3546, 0.3455



18.0508, 0.3260, 0.3239



11.2688, 0.6041, 0.3102



1.1124, 0.5737, 0.2934

Inverse Universe

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



65.4216, 0.3485, 0.3167



60.6537, 0.3589, 0.3138



79.6151, 0.2785, 0.3119



18.0508, 0.3260, 0.3239



11.2688, 0.6041, 0.3102



1.1124, 0.5737, 0.2934

Previews

White Background



This preview shows how the Yxy color 65.4186, 0.3485, 0.3167 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 65.4186, 0.3485, 0.3167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

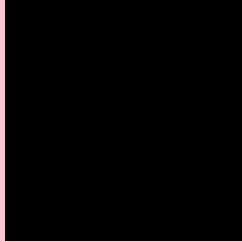
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.4186, 0.3485, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 65.4186, 0.3485, 0.3167.

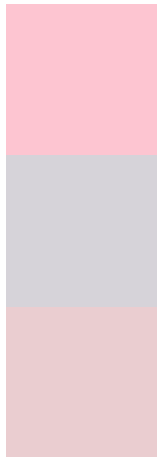


This preview shows how white text looks on a background with the Yxy color 65.4186, 0.3485, 0.3167.

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

65.4186, 0.3485, 0.3167

Protanopia

65.8944, 0.3108, 0.3223

Deuteranopia

65.7091, 0.3330, 0.3258



Tritanopia

65.5686, 0.3461, 0.3136

Trichromacy



Original Color

65.4186, 0.3485, 0.3167

Protanomaly

65.4916, 0.3238, 0.3203

Deuteranomaly

65.4959, 0.3389, 0.3227

Tritanomaly

65.5183, 0.3469, 0.3147

Monochromacy



Original Color

65.4186, 0.3485, 0.3167

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

66.5739, 0.3251, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.4186, 0.3485, 0.3167 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(253, 197, 209)` looks like.

```
.text, #text, p{  
    color:rgb(253, 197, 209)  
}
```

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(253, 197, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 197, 209) }
```

Border

The CSS property to change the border of an element to Yxy 65.4186, 0.3485, 0.3167 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(253, 197, 209) }
```

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

```
.border{ border-color:rgb(253, 197, 209) }
```

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

Here you see how a box with a 4 pixel rgb(253, 197, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 197, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 197, 209);  
box-shadow:4px 4px 4px 4px rgb(253, 197,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 65.4186, 0.3485, 0.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 197, 209) }
```

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

```
.background{ background-color: rgb(253,  
197, 209) }
```

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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