

Converting Colors

$Y_{xy}(74.4401, 0.3956, 0.3338)$

Have a look what the booklet for
Yxy(74.4401, 0.3956, 0.3338)
contains.

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Color

Yxy(65.4984, 0.3627, 0.3343)

Conversions

Conversions Part 1

Format	Color
Hex	FFC6C1
RGB	255, 198, 193
RGB Percent	100%, 78%, 76%
CMY	0.0000, 0.2235, 0.2430
CMYK	0.00, 0.22, 0.24, 0.00
HSL	5°, 100%, 88%
HSV	5°, 24%, 100%
XYZ	71.0627, 65.4984, 59.3659
YIQ	214.4730, 35.5770, 10.5290

Conversions

Conversions Part 2

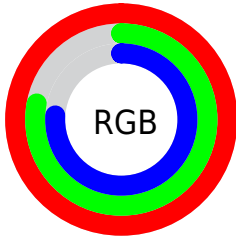
Format	Color
R _Y B	255, 198, 193
Decimal	16762561
CIE Lab	84.74, 19.58, 10.30
CIE LCh	85, 22.127, 27.744
Yxy	65.4984, 0.3627, 0.3343
Android (android.graphics.Color)	4294952641 (0xFFFFC6C1)
YUV	214.4730, -10.5862, 35.5422
Hunter-Lab	80.9311, 15.1052, 13.1604

Details

The Yxy color **65.4984, 0.3627, 0.3343** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.9496, 0.2763, 0.3236**, and the grayscale version is **67.6377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **33.7103, 0.3744, 0.3345** is the 20% darker color. If you saturate the color by 10%, you get **54.5543, 0.3919, 0.3366**, and if you desaturate by 10%, it is **78.3041, 0.3390, 0.3320**.

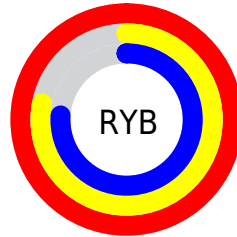
Distribution



Red (100%)

Green (78%)

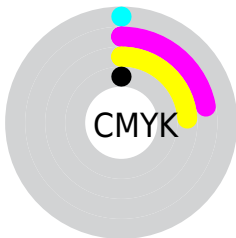
Blue (76%)



Red (100%)

Yellow (78%)

Blue (76%)

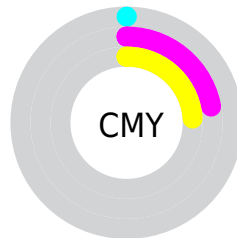


Cyan (0%)

Magenta (22%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (22%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.4984, 0.3627, 0.3343 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 65.4984, 0.3627, 0.3343 by changing the saturation by 10% instead.

 65.4984, 0.3627,
0.3343

 65.4984, 0.3627,
0.3343


444.5808, 0.3389,
0.3323

 47.8653, 0.3683,
0.3347


 112.7661, 0.3543,
0.3337

 33.7203, 0.3753,
0.3350


143.1695, 0.3511,
0.3334

 22.6788, 0.3843,
0.3354


178.5985, 0.3483,
0.3332

 14.3565, 0.3962,
0.3358

219.4375, 0.3459,
0.3329

 8.3690, 0.4129,
0.3359

266.0708, 0.3439,
0.3328

 4.3320, 0.4377,
0.3354


318.8829, 0.3420,

 1.8609, 0.4780,


0.3326


0.3326


378.2581, 0.3404,
0.3324


 0.5247, 0.6522,
0.3478

 0.0000, 0.0000,
0.0000


 65.4984, 0.3627,
0.3343

 65.4984, 0.3627,
0.3343

 54.5543, 0.3919,
0.3366


 78.3041, 0.3390,
0.3320

 45.3777, 0.4271,
0.3388

 93.0441, 0.3198,
0.3299

 37.8783, 0.4684,
0.3406

100.0000, 0.3127,
0.3290

 31.9543, 0.5139,
0.3414

■ 27.4932, 0.5597,
0.3410

■ 24.3674, 0.5994,
0.3389

■ 22.4273, 0.6264,
0.3354

■ 21.7768, 0.6356,
0.3335

Harmonies

Analogous

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



65.4984, 0.3438, 0.3117



65.4984, 0.3627, 0.3343



65.4984, 0.3674, 0.3567

Triad

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



65.4984, 0.3627, 0.3343



65.4984, 0.3068, 0.3684



65.4984, 0.2696, 0.2853

Complementary

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



65.4984, 0.3627, 0.3343



86.9496, 0.2763, 0.3236

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.



65.4984, 0.2608, 0.2981



65.4984, 0.3627, 0.3343



65.4984, 0.2816, 0.3466

Square

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



65.4984, 0.3627, 0.3343



65.4984, 0.3344, 0.3781



65.4984, 0.2651, 0.3203



65.4984, 0.2897, 0.2841

Rectangle

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



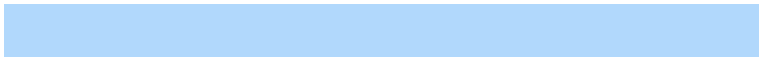
65.4984, 0.3627, 0.3343



65.4984, 0.3619, 0.3687



65.4984, 0.2651, 0.3203



65.4984, 0.2653, 0.2883

Sweetspot

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



65.5010, 0.3627, 0.3343



88.8719, 0.3246, 0.3304



66.3700, 0.3185, 0.2721



18.8267, 0.3257, 0.3306



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.



65.5010, 0.3627, 0.3343



60.1321, 0.3757, 0.3354



80.6790, 0.3555, 0.3647



18.2211, 0.3293, 0.3310



11.4603, 0.6343, 0.3346



1.1927, 0.6219, 0.3444

Inverse Universe

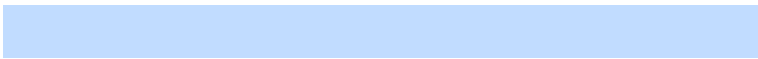
The Inverse Universe completely reimagines the original color for something new.



86.9496, 0.2763, 0.3236



84.8420, 0.2699, 0.3225



69.6868, 0.2735, 0.2905



20.2173, 0.2980, 0.3270



34.7855, 0.2177, 0.3036



3.4578, 0.2186, 0.3068

Previews

White Background



This preview shows how the Yxy color 65.4984, 0.3627, 0.3343 looks on a white background.

Color Contrast Check

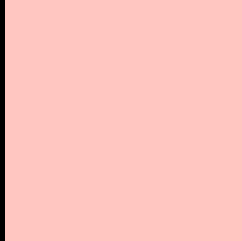
Large Text (above 18pt) WCAG AA × Fail

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 65.4984, 0.3627, 0.3343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

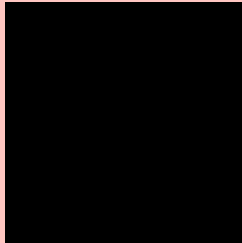
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.4984, 0.3627, 0.3343

Background



This preview shows how black text looks on a background with the Yxy color 65.4984, 0.3627, 0.3343.

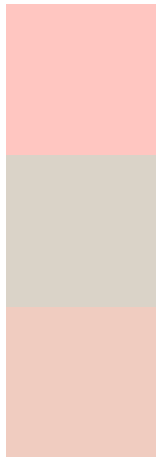


This preview shows how white text looks on a background with the Yxy color 65.4984, 0.3627, 0.3343.

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

65.4984, 0.3627, 0.3343

Protanopia

65.6641, 0.3257, 0.3414

Deuteranopia

65.5168, 0.3500, 0.3421



Tritanopia

65.3930, 0.3495, 0.3147

Trichromacy



Original Color

65.4984, 0.3627, 0.3343

Protanomaly

65.1628, 0.3387, 0.3390

Deuteranomaly

65.4593, 0.3545, 0.3398

Tritanomaly

65.5521, 0.3541, 0.3219

Monochromacy



Original Color

65.4984, 0.3627, 0.3343

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.2260, 0.3302, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.4984, 0.3627, 0.3343 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 193) }
```

Border

The CSS property to change the border of an element to Yxy 65.4984, 0.3627, 0.3343 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, 193) }
```

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

```
.border{ border-color:rgb(255, 198, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 65.4984, 0.3627, 0.3343 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, 193) }
```

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

```
.background{ background-color: rgb(255,  
198, 193) }
```

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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