

Converting Colors

Yxy(67.6390, 0.3668, 0.3469)

Have a look what the booklet for
Yxy(67.6390, 0.3668, 0.3469)
contains.

Yxy(67.5170, 0.3670, 0.3468)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.5170, 0.3670, 0.3468)

Conversions

Conversions Part 1

Format	Color
Hex	FFCBBA
RGB	255, 203, 186
RGB Percent	100%, 80%, 73%
CMY	0.0001, 0.2038, 0.2706
CMYK	0.00, 0.20, 0.27, 0.00
HSL	15°, 100%, 86%
HSV	15°, 27%, 100%
XYZ	71.4497, 67.5170, 55.7190
YIQ	216.6100, 36.4490, 5.7370

Conversions

Conversions Part 2

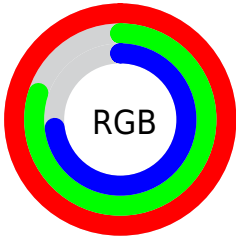
Format	Color
R _Y B	255, 209, 186
Decimal	16763834
CIE Lab	85.76, 15.99, 15.48
CIE LCh	86, 22.258, 44.079
Yxy	67.5170, 0.3670, 0.3468
Android (android.graphics.Color)	4294953914 (0xFFFFCBBA)
YUV	216.6100, -15.0907, 33.6680
Hunter-Lab	82.1687, 11.4190, 17.3132

Details

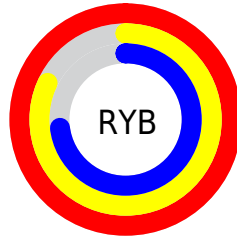
The Yxy color **67.5170, 0.3670, 0.3468** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.7748, 0.2713, 0.3104**, and the grayscale version is **69.1940, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **35.0587, 0.3800, 0.3505** is the 20% darker color. If you saturate the color by 10%, you get **58.0138, 0.3946, 0.3537**, and if you desaturate by 10%, it is **78.3435, 0.3438, 0.3399**.

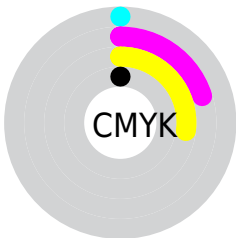
Distribution



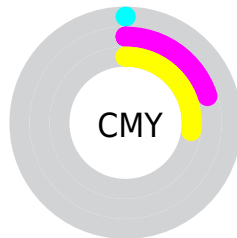
- Red (100%)
- Green (80%)
- Blue (73%)



- Red (100%)
- Yellow (82%)
- Blue (73%)



- Cyan (0%)
- Magenta (20%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.5170, 0.3670, 0.3468 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 67.5170, 0.3670, 0.3468 by changing the saturation by 10% instead.


 67.5170, 0.3670,
0.3468

 67.5170, 0.3670,
0.3468


451.7828, 0.3413,
0.3390

 49.5049, 0.3730,
0.3484


 115.6609, 0.3580,
0.3442

 35.0202, 0.3805,
0.3504


146.5615, 0.3545,
0.3432

 23.6784, 0.3900,
0.3528


182.5270, 0.3515,
0.3423

 15.0952, 0.4027,
0.3556

223.9419, 0.3489,
0.3415

 8.8863, 0.4201,
0.3591

271.1906, 0.3467,
0.3407

 4.6671, 0.4456,
0.3632

324.6573, 0.3447,

 2.0533, 0.4863,

0.3401

0.3674

384.7266, 0.3429,
0.3395

0.6382, 0.6120,
0.3880

0.0000, 0.0000,
0.0000

67.5170, 0.3670,
0.3468

67.5170, 0.3670,
0.3468

58.0138, 0.3946,
0.3537

78.3435, 0.3438,
0.3399

49.7734, 0.4269,
0.3602

90.5323, 0.3244,
0.3334

42.7442, 0.4635,
0.3655

99.9939, 0.3127,
0.3290

36.8676, 0.5030,
0.3685

■ 32.0795, 0.5425,
0.3682

■ 28.3093, 0.5780,
0.3638

■ 25.4762, 0.6049,
0.3553

■ 24.8004, 0.6115,
0.3527

Harmonies

Analogous

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



67.5170, 0.3554, 0.3237



67.5170, 0.3670, 0.3468



67.5170, 0.3632, 0.3666

Triad

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



67.5170, 0.3670, 0.3468



67.5170, 0.2925, 0.3575



67.5170, 0.2795, 0.2834

Complementary

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



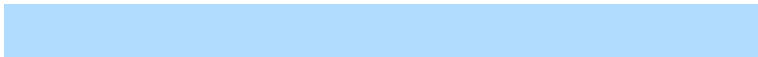
67.5170, 0.3670, 0.3468



78.7748, 0.2713, 0.3104

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.



67.5170, 0.2642, 0.2899



67.5170, 0.3670, 0.3468



67.5170, 0.2714, 0.3323

Square

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



67.5170, 0.3670, 0.3468



67.5170, 0.3195, 0.3744



67.5170, 0.2613, 0.3074



67.5170, 0.3040, 0.2883

Rectangle

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



67.5170, 0.3670, 0.3468



67.5170, 0.3527, 0.3751



67.5170, 0.2613, 0.3074



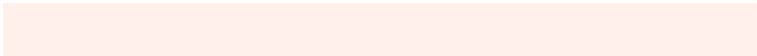
67.5170, 0.2732, 0.2843

Sweetspot

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



67.5201, 0.3670, 0.3468



89.3403, 0.3261, 0.3340



62.5957, 0.3280, 0.2762



18.7151, 0.3288, 0.3349



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.



67.5201, 0.3670, 0.3468



62.6710, 0.3801, 0.3502



85.1220, 0.3582, 0.3800



18.7151, 0.3288, 0.3349



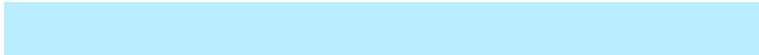
13.1578, 0.6088, 0.3548



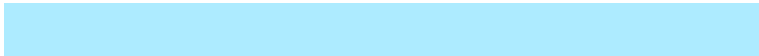
1.4443, 0.5871, 0.3720

Inverse Universe

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



78.7748, 0.2713, 0.3104



75.4874, 0.2641, 0.3065



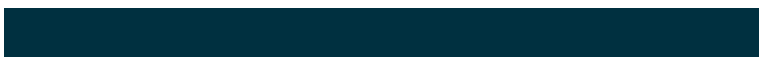
61.0284, 0.2675, 0.2722



19.6773, 0.2980, 0.3230



23.7346, 0.2019, 0.2469



2.4826, 0.2048, 0.2573

Previews

White Background



This preview shows how the Yxy color 67.5170, 0.3670, 0.3468 looks on a white background.

Color Contrast Check

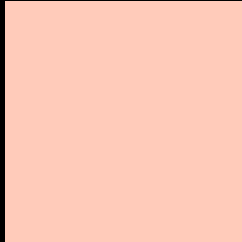
Large Text (above 18pt) WCAG AA × Fail

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 67.5170, 0.3670, 0.3468 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 67.5170, 0.3670, 0.3468

Background



This preview shows how black text looks on a background with the Yxy color 67.5170, 0.3670, 0.3468.



This preview shows how white text looks on a background with the Yxy color 67.5170, 0.3670, 0.3468.

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

67.5170, 0.3670, 0.3468

Protanopia

67.7462, 0.3356, 0.3536

Deuteranopia

67.7213, 0.3595, 0.3525



Tritanopia

67.4236, 0.3456, 0.3148

Trichromacy



Original Color

67.5170, 0.3670, 0.3468

Protanomaly

67.4731, 0.3463, 0.3509

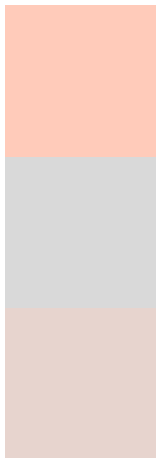
Deuteranomaly

67.7851, 0.3622, 0.3513

Tritanomaly

67.3929, 0.3533, 0.3260

Monochromacy



Original Color

67.5170, 0.3670, 0.3468

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.5321, 0.3312, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.5170, 0.3670, 0.3468 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, 203, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 186)  
}
```

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, 203, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 186) }
```

Border

The CSS property to change the border of an element to Yxy 67.5170, 0.3670, 0.3468 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, 203, 186) }
```

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

```
.border{ border-color:rgb(255, 203, 186) }
```

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

Here you see how a box with a 4 pixel rgb(255, 203, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 67.5170, 0.3670, 0.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 186) }
```

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

```
.background{ background-color: rgb(255,  
203, 186) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor