

Converting Colors

Yxy(67.1904, 0.3678, 0.3609)

Have a look what the booklet for
Yxy(67.1904, 0.3678, 0.3609)
contains.

Yxy(67.0514, 0.3675, 0.3610)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.0514, 0.3675, 0.3610)

Conversions

Conversions Part 1

Format	Color
Hex	F7CEB0
RGB	247, 206, 176
RGB Percent	97%, 81%, 69%
CMY	0.0315, 0.1921, 0.3097
CMYK	0.00, 0.17, 0.29, 0.03
HSL	25°, 82%, 83%
HSV	25°, 29%, 97%
XYZ	68.2587, 67.0514, 50.4279
YIQ	214.8390, 34.0660, -0.6380

Conversions

Conversions Part 2

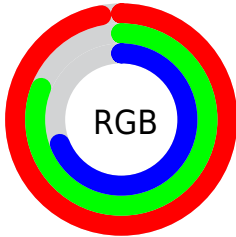
Format	Color
R_{YB}	247, 228, 176
Decimal	16240304
CIE Lab	85.53, 10.13, 20.31
CIE LCh	86, 22.698, 63.496
Yxy	67.0514, 0.3675, 0.3610
Android (android.graphics.Color)	4294430384 (0xFFFF7CEB0)
YUV	214.8390, -19.1476, 28.2052
Hunter-Lab	81.8849, 5.4977, 20.8064

Details

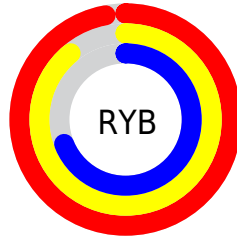
The Yxy color **67.0514, 0.3675, 0.3610** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.5566, 0.2674, 0.2946**, and the grayscale version is **67.9561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6062, 0.3262, 0.3513**, and **34.8337, 0.3816, 0.3689** is the 20% darker color. If you saturate the color by 10%, you get **59.6081, 0.3923, 0.3726**, and if you desaturate by 10%, it is **75.3013, 0.3458, 0.3494**.

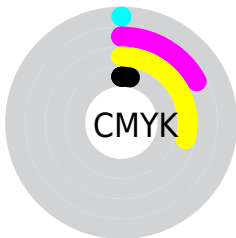
Distribution



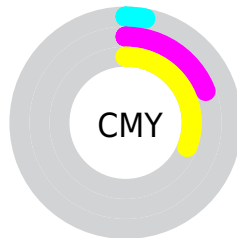
- Red (97%)
- Green (81%)
- Blue (69%)



- Red (97%)
- Yellow (89%)
- Blue (69%)



- Cyan (0%)
- Magenta (17%)
- Yellow (29%)
- Black (3%)





- Cyan (3%)
- Magenta (19%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.0514, 0.3675, 0.3610 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 67.0514, 0.3675, 0.3610 by changing the saturation by 10% instead.


 67.0514, 0.3675,
0.3610

 67.0514, 0.3675,
0.3610

450.1277, 0.3416,
0.3465

 49.1264, 0.3735,
0.3642


 114.9941, 0.3584,
0.3561

 34.7198, 0.3810,
0.3681


145.7805, 0.3549,
0.3541

 23.4471, 0.3905,
0.3729


181.6229, 0.3519,
0.3524

 14.9240, 0.4030,
0.3789

222.9056, 0.3493,
0.3509

 8.7660, 0.4201,
0.3867

270.0131, 0.3470,
0.3496

 4.5889, 0.4447,
0.3966

323.3296, 0.3450,

 2.0081, 0.4905,

0.3485

0.4159

383.2397, 0.3432,
0.3474

0.6122, 0.5753,
0.4247

0.0000, 0.0000,
0.0000

67.0514, 0.3675,
0.3610

67.0514, 0.3675,
0.3610

59.6081, 0.3923,
0.3726

75.3013, 0.3458,
0.3494

52.9359, 0.4200,
0.3835

84.3733, 0.3270,
0.3382

47.0103, 0.4502,
0.3928

94.2939, 0.3108,
0.3277

41.8015, 0.4817,
0.3992

98.5085, 0.3078,
0.3290

■ 37.2773, 0.5125,
0.4013

■ 33.4019, 0.5404,
0.3982

■ 30.1313, 0.5634,
0.3899

■ 29.7537, 0.5661,
0.3887

Harmonies

Analogous

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



67.0514, 0.3658, 0.3389



67.0514, 0.3675, 0.3610



67.0514, 0.3540, 0.3760

Triad

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



67.0514, 0.3675, 0.3610



67.0514, 0.2770, 0.3419



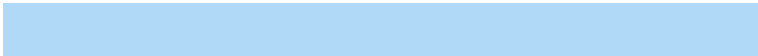
67.0514, 0.2942, 0.2844

Complementary

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



67.0514, 0.3675, 0.3610



65.5566, 0.2674, 0.2946

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.



67.0514, 0.2720, 0.2834



67.0514, 0.3675, 0.3610



67.0514, 0.2624, 0.3152

Square

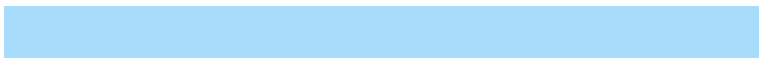
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.0514, 0.3675, 0.3610



67.0514, 0.3014, 0.3657



67.0514, 0.2606, 0.2942



67.0514, 0.3224, 0.2960

Rectangle

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



67.0514, 0.3675, 0.3610



67.0514, 0.3385, 0.3791



67.0514, 0.2606, 0.2942



67.0514, 0.2858, 0.2828

Sweetspot

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



67.0545, 0.3675, 0.3610



90.4465, 0.3275, 0.3385



55.8575, 0.3399, 0.2857



19.0437, 0.3301, 0.3401



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.



67.0545, 0.3675, 0.3610



67.7404, 0.3803, 0.3672



85.8478, 0.3578, 0.3955



17.6341, 0.3283, 0.3390



16.0074, 0.5633, 0.3910



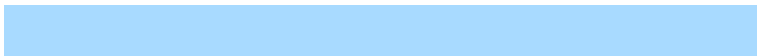
1.6058, 0.5410, 0.4086

Inverse Universe

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



65.5566, 0.2674, 0.2946



65.8987, 0.2589, 0.2871



49.3736, 0.2629, 0.2525



17.5154, 0.2980, 0.3187



14.1600, 0.1845, 0.1842



1.4478, 0.1900, 0.2041

Previews

White Background



This preview shows how the Yxy color 67.0514, 0.3675, 0.3610 looks on a white background.

Color Contrast Check

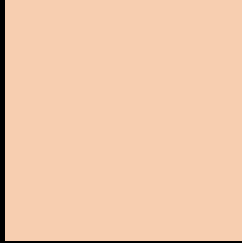
Large Text (above 18pt) WCAG AA × Fail

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 67.0514, 0.3675, 0.3610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

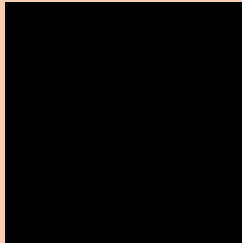
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.0514, 0.3675, 0.3610

Background



This preview shows how black text looks on a background with the Yxy color 67.0514, 0.3675, 0.3610.



This preview shows how white text looks on a background with the Yxy color 67.0514, 0.3675, 0.3610.

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

67.0514, 0.3675, 0.3610

Protanopia

67.0525, 0.3460, 0.3659

Deuteranopia

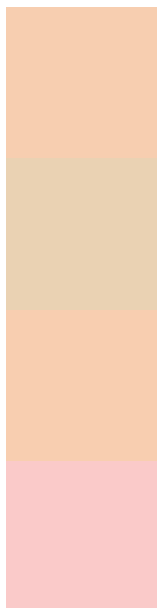
67.2337, 0.3684, 0.3609



Tritanopia

66.7757, 0.3409, 0.3126

Trichromacy



Original Color

67.0514, 0.3675, 0.3610

Protanomaly

66.8403, 0.3537, 0.3631

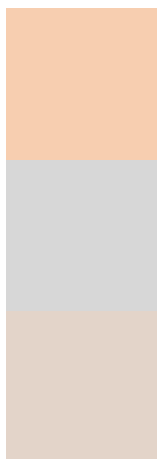
Deuteranomaly

67.2337, 0.3684, 0.3609

Tritanomaly

66.7821, 0.3514, 0.3302

Monochromacy



Original Color

67.0514, 0.3675, 0.3610

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.6349, 0.3317, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.0514, 0.3675, 0.3610 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, 206, 176)` looks like.

```
.text, #text, p{  
    color:rgb(247, 206, 176)  
}
```

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, 206, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 206, 176) }
```

Border

The CSS property to change the border of an element to Yxy 67.0514, 0.3675, 0.3610 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, 206, 176) }
```

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

```
.border{ border-color:rgb(247, 206, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 206, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 206, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 206, 176);  
box-shadow:4px 4px 4px 4px rgb(247, 206,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 67.0514, 0.3675, 0.3610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 206, 176) }
```

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

```
.background{ background-color: rgb(247,  
206, 176) }
```

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