

Converting Colors

$Yxy(68.4751, 0.3741, 0.3602)$

Have a look what the booklet for
Yxy(68.4751, 0.3741, 0.3602)
contains.

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Color

Yxy(68.5372, 0.3740, 0.3603)

Conversions

Conversions Part 1

Format	Color
Hex	FFCEB0
RGB	255, 206, 176
RGB Percent	100%, 81%, 69%
CMY	0.0000, 0.1921, 0.3099
CMYK	0.00, 0.19, 0.31, 0.00
HSL	23°, 100%, 85%
HSV	23°, 31%, 100%
XYZ	71.1432, 68.5372, 50.5421
YIQ	217.2310, 38.8340, 1.0580

Conversions

Conversions Part 2

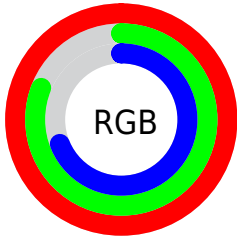
Format	Color
R_{YB}	255, 224, 176
Decimal	16764592
CIE _{Lab}	86.27, 13.14, 21.48
CIE _{LCh}	86, 25.180, 58.543
Yxy	68.5372, 0.3740, 0.3603
Android (android.graphics.Color)	4294954672 (0xFFFFCEB0)
YUV	217.2310, -20.3269, 33.1234
Hunter-Lab	82.7872, 8.5165, 21.7541

Details

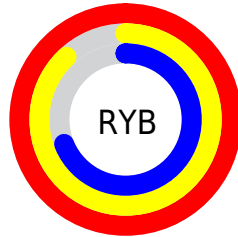
The Yxy color $68.5372, 0.3740, 0.3603$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $70.2744, 0.2641, 0.2953$, and the grayscale version is $69.6773, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.6062, 0.3262, 0.3513$, and $35.7568, 0.3891, 0.3677$ is the 20% darker color. If you saturate the color by 10%, you get $60.3917, 0.4005, 0.3707$, and if you desaturate by 10%, it is $77.6441, 0.3510, 0.3498$.

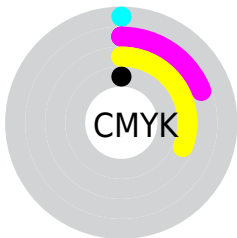
Distribution



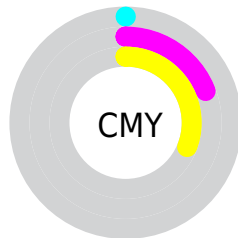
- Red (100%)
- Green (81%)
- Blue (69%)



- Red (100%)
- Yellow (88%)
- Blue (69%)



- Cyan (0%)
- Magenta (19%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (19%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.5372, 0.3740, 0.3603 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 68.5372, 0.3740, 0.3603 by changing the saturation by 10% instead.

 68.5372, 0.3740,
0.3603

 68.5372, 0.3740,
0.3603


455.3970, 0.3451,
0.3464

 50.3349, 0.3807,
0.3633


 117.1203, 0.3639,
0.3556

 35.6796, 0.3890,
0.3669


148.2699, 0.3600,
0.3537

 24.1868, 0.3995,
0.3713


184.5041, 0.3566,
0.3521

 15.4723, 0.4133,
0.3767

226.2072, 0.3537,
0.3507

 9.1515, 0.4320,
0.3835

273.7636, 0.3512,
0.3494

 4.8401, 0.4587,
0.3916


327.5578, 0.3489,

 2.1538, 0.5066,


0.3483


0.4066

387.9741, 0.3469,
0.3473

 0.6946, 0.5874,
0.4126


 0.0000, 0.0000,
0.0000


 68.5372, 0.3740,
0.3603


 68.5372, 0.3740,
0.3603


 60.3917, 0.4005,
0.3707


 77.6441, 0.3510,
0.3498

 53.1648, 0.4303,
0.3803

 87.7341, 0.3312,
0.3396

 46.8246, 0.4627,
0.3880

 98.8402, 0.3142,
0.3299

 41.3330, 0.4963,
0.3925

99.9981, 0.3127,
0.3290

■ 36.6489, 0.5289,
0.3927

■ 32.7265, 0.5576,
0.3875

■ 29.7935, 0.5786,
0.3788

Harmonies

Analogous

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



68.5372, 0.3692, 0.3354



68.5372, 0.3740, 0.3603



68.5372, 0.3615, 0.3787

Triad

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



68.5372, 0.3740, 0.3603



68.5372, 0.2773, 0.3480



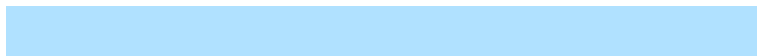
68.5372, 0.2876, 0.2791

Complementary

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



68.5372, 0.3740, 0.3603



70.2744, 0.2641, 0.2953

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.



68.5372, 0.2650, 0.2800



68.5372, 0.3740, 0.3603



68.5372, 0.2592, 0.3183

Square

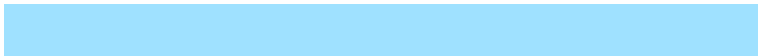
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.5372, 0.3740, 0.3603



68.5372, 0.3052, 0.3730



68.5372, 0.2549, 0.2937



68.5372, 0.3180, 0.2901

Rectangle

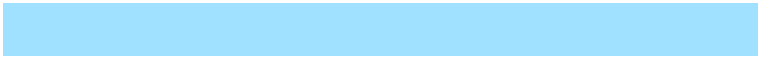
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.5372, 0.3740, 0.3603



68.5372, 0.3456, 0.3841



68.5372, 0.2549, 0.2937



68.5372, 0.2789, 0.2780

Sweetspot

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



68.5404, 0.3740, 0.3603



89.8656, 0.3276, 0.3376



57.7928, 0.3394, 0.2783



18.9010, 0.3302, 0.3390



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.



68.5404, 0.3740, 0.3603



63.5327, 0.3895, 0.3666



89.3676, 0.3626, 0.3973



19.1186, 0.3285, 0.3381



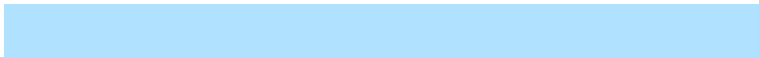
15.8341, 0.5756, 0.3812



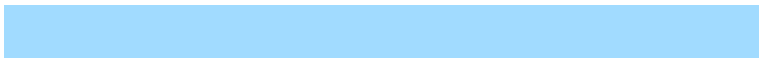
1.7445, 0.5543, 0.3980

Inverse Universe

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



70.2744, 0.2641, 0.2953



65.4951, 0.2549, 0.2876



51.7820, 0.2588, 0.2500



19.2534, 0.2979, 0.3197



16.8603, 0.1886, 0.1991



1.8526, 0.1932, 0.2155

Previews

White Background



This preview shows how the Yxy color 68.5372, 0.3740, 0.3603 looks on a white background.

Color Contrast Check

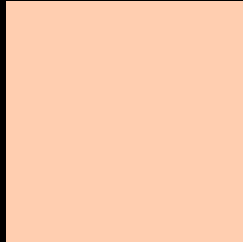
Large Text (above 18pt) WCAG AA × Fail

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 68.5372, 0.3740, 0.3603 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 68.5372, 0.3740, 0.3603

Background



This preview shows how black text looks on a background with the Yxy color 68.5372, 0.3740, 0.3603.



This preview shows how white text looks on a background with the Yxy color 68.5372, 0.3740, 0.3603.

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

68.5372, 0.3740, 0.3603

Protanopia

68.9419, 0.3462, 0.3678

Deuteranopia

68.7556, 0.3702, 0.3627



Tritanopia

68.4589, 0.3438, 0.3148

Trichromacy



Original Color

68.5372, 0.3740, 0.3603

Protanomaly

68.5188, 0.3564, 0.3648

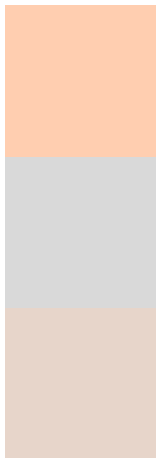
Deuteranomaly

68.4557, 0.3713, 0.3616

Tritanomaly

68.1889, 0.3552, 0.3312

Monochromacy



Original Color

68.5372, 0.3740, 0.3603

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.8417, 0.3339, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.5372, 0.3740, 0.3603 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, 206, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 206, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 176) }
```

Border

The CSS property to change the border of an element to Yxy 68.5372, 0.3740, 0.3603 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, 206, 176) }
```

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

```
.border{ border-color:rgb(255, 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(255, 206, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 68.5372, 0.3740, 0.3603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 176) }
```

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

```
.background{ background-color: rgb(255,  
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](#).

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