

Converting Colors

$Yxy(74.0019, 0.3688, 0.3684)$

Have a look what the booklet for
Yxy(74.0019, 0.3688, 0.3684)
contains.

Yxy(74.1404, 0.3684, 0.3682)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.1404, 0.3684, 0.3682)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9B3
RGB	255, 217, 179
RGB Percent	100%, 85%, 70%
CMY	0.0001, 0.1489, 0.2981
CMYK	0.00, 0.15, 0.30, 0.00
HSL	30°, 100%, 85%
HSV	30°, 30%, 100%
XYZ	74.1807, 74.1404, 53.0380
YIQ	224.0300, 34.8460, -3.7620

Conversions

Conversions Part 2

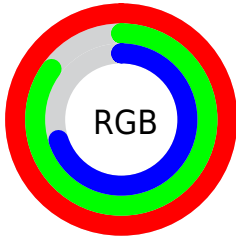
Format	Color
R_{YB}	255, 255, 179
Decimal	16767411
CIE _{Lab}	88.99, 7.81, 23.65
CIE _{LCh}	89, 24.908, 71.723
Yxy	74.1404, 0.3684, 0.3682
Android (android.graphics.Color)	4294957491 (0xFFFFD9B3)
YUV	224.0300, -22.1998, 27.1607
Hunter-Lab	86.1048, 3.0972, 23.7525

Details

The Yxy color $74.1404, 0.3684, 0.3682$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $66.3934, 0.2648, 0.2862$, and the grayscale version is $74.7063, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.7782, 0.3244, 0.3483$, and $39.2173, 0.3813, 0.3766$ is the 20% darker color. If you saturate the color by 10%, you get $66.8911, 0.3920, 0.3818$, and if you desaturate by 10%, it is $82.0939, 0.3473, 0.3545$.

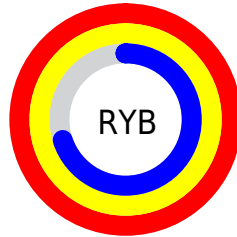
Distribution



Red (100%)

Green (85%)

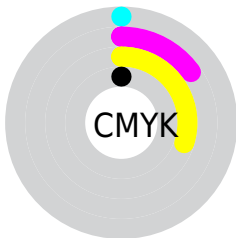
Blue (70%)



Red (100%)

Yellow (100%)

Blue (70%)

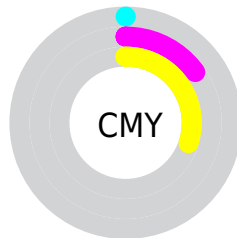


Cyan (0%)

Magenta (15%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (15%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1404, 0.3684, 0.3682 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 74.1404, 0.3684, 0.3682 by changing the saturation by 10% instead.

 74.1404, 0.3684,
0.3682

 74.1404, 0.3684,
0.3682


474.9578, 0.3426,
0.3506

 54.9090, 0.3742,
0.3720


 125.0948, 0.3595,
0.3622

 39.3288, 0.3814,
0.3767


157.5866, 0.3560,
0.3599

 27.0156, 0.3905,
0.3824


195.2672, 0.3530,
0.3578

 17.5850, 0.4021,
0.3896

238.5212, 0.3504,
0.3560

 10.6524, 0.4177,
0.3987

287.7328, 0.3481,
0.3544

 5.8336, 0.4393,
0.4106

343.2865, 0.3461,

 2.7442, 0.4731,

0.3530

0.4278

405.5667, 0.3443,
0.3518

0.9997, 0.5397,
0.4603

0.0000, 1.0000,
0.0000

74.1404, 0.3684,
0.3682

74.1404, 0.3684,
0.3682

66.8911, 0.3920,
0.3818

82.0939, 0.3473,
0.3545

60.3139, 0.4178,
0.3945

90.7622, 0.3287,
0.3413

54.3890, 0.4452,
0.4054

99.9950, 0.3127,
0.3290

49.0911, 0.4731,
0.4131

■ 44.3928, 0.4997,
0.4163

■ 40.2634, 0.5234,
0.4142

■ 36.6608, 0.5431,
0.4069

■ 36.5947, 0.5434,
0.4067

Harmonies

Analogous

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



74.1404, 0.3713, 0.3462



74.1404, 0.3684, 0.3682



74.1404, 0.3502, 0.3811

Triad

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



74.1404, 0.3684, 0.3682



74.1404, 0.2694, 0.3347



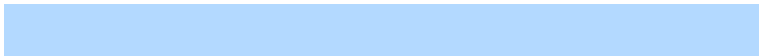
74.1404, 0.3009, 0.2842

Complementary

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



74.1404, 0.3684, 0.3682



66.3934, 0.2648, 0.2862

Split Complementary

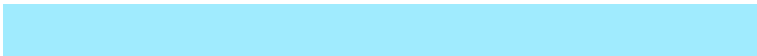
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.1404, 0.2750, 0.2798



74.1404, 0.3684, 0.3682



74.1404, 0.2575, 0.3073

Square

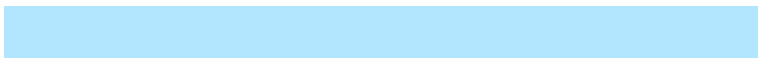
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.1404, 0.3684, 0.3682



74.1404, 0.2928, 0.3619



74.1404, 0.2595, 0.2877



74.1404, 0.3312, 0.2991

Rectangle

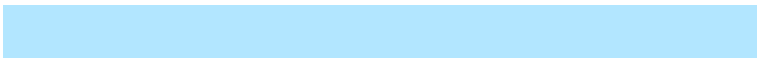
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.1404, 0.3684, 0.3682



74.1404, 0.3322, 0.3817



74.1404, 0.2595, 0.2877



74.1404, 0.2914, 0.2814

Sweetspot

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



74.1438, 0.3684, 0.3682



91.5122, 0.3273, 0.3403



58.4965, 0.3466, 0.2902



19.3058, 0.3298, 0.3421



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.



74.1438, 0.3684, 0.3682



69.5853, 0.3827, 0.3767



96.0122, 0.3579, 0.4037



19.4894, 0.3282, 0.3409



19.4246, 0.5409, 0.4087



2.1097, 0.5233, 0.4227

Inverse Universe

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



66.3934, 0.2648, 0.2862



60.6539, 0.2546, 0.2757



49.0327, 0.2598, 0.2415



18.8768, 0.2979, 0.3168



12.0518, 0.1770, 0.1572



1.3918, 0.1827, 0.1778

Previews

White Background



This preview shows how the Yxy color 74.1404, 0.3684, 0.3682 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 74.1404, 0.3684, 0.3682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

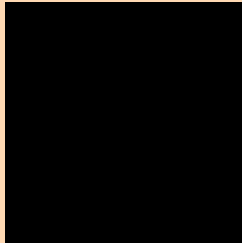
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.1404, 0.3684, 0.3682

Background



This preview shows how black text looks on a background with the Yxy color 74.1404, 0.3684, 0.3682.



This preview shows how white text looks on a background with the Yxy color 74.1404, 0.3684, 0.3682.

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

74.1404, 0.3684, 0.3682

Protanopia

74.1573, 0.3509, 0.3730

Deuteranopia

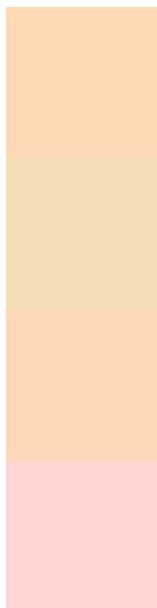
73.9596, 0.3628, 0.3589



Tritanopia

74.3395, 0.3348, 0.3160

Trichromacy



Original Color

74.1404, 0.3684, 0.3682

Protanomaly

74.2822, 0.3574, 0.3713

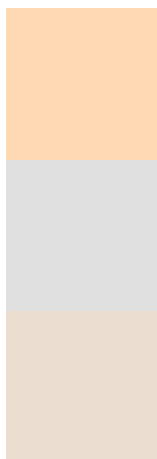
Deuteranomaly

73.8324, 0.3650, 0.3620

Tritanomaly

73.9566, 0.3470, 0.3342

Monochromacy



Original Color

74.1404, 0.3684, 0.3682

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.9291, 0.3316, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1404, 0.3684, 0.3682 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, 217, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 179)  
}
```

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, 217, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 179) }
```

Border

The CSS property to change the border of an element to Yxy 74.1404, 0.3684, 0.3682 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, 217, 179) }
```

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

```
.border{ border-color:rgb(255, 217, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1404, 0.3684, 0.3682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 179) }
```

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

```
.background{ background-color: rgb(255,  
217, 179) }
```

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