

Converting Colors

$Yxy(74.1716, 0.3777, 0.3734)$

Have a look what the booklet for
Yxy(74.1716, 0.3777, 0.3734)
contains.

Yxy(73.3503, 0.3738, 0.3744)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.3503, 0.3738, 0.3744)

Conversions

Conversions Part 1

Format	Color
Hex	FFD8AC
RGB	255, 216, 172
RGB Percent	100%, 85%, 67%
CMY	0.0001, 0.1529, 0.3255
CMYK	0.00, 0.15, 0.33, 0.00
HSL	32°, 100%, 84%
HSV	32°, 33%, 100%
XYZ	73.2328, 73.3503, 49.3312
YIQ	222.6450, 37.3680, -5.4160

Conversions

Conversions Part 2

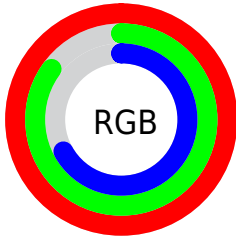
Format	Color
R _Y B	246, 255, 172
Decimal	16767148
CIE Lab	88.61, 7.46, 26.76
CIE LCh	89, 27.780, 74.433
Yxy	73.3503, 0.3738, 0.3744
Android (android.graphics.Color)	4294957228 (0xFFFFD8AC)
YUV	222.6450, -24.9680, 28.3753
Hunter-Lab	85.6448, 2.7526, 25.8004

Details

The Yxy color **73.3503, 0.3738, 0.3744** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.5541, 0.2599, 0.2787**, and the grayscale version is **73.6876, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3814, 0.3286, 0.3552**, and **38.6920, 0.3885, 0.3844** is the 20% darker color. If you saturate the color by 10%, you get **66.5539, 0.3974, 0.3886**, and if you desaturate by 10%, it is **80.7882, 0.3524, 0.3600**.

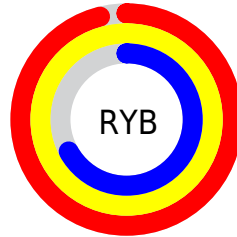
Distribution



Red (100%)

Green (85%)

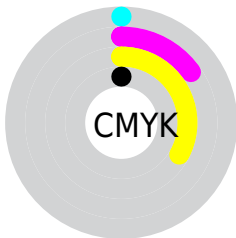
Blue (67%)



Red (96%)

Yellow (100%)

Blue (67%)

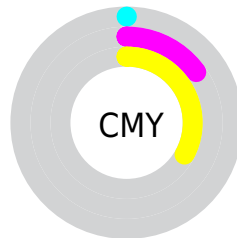


Cyan (0%)

Magenta (15%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.3503, 0.3738, 0.3744 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 73.3503, 0.3738, 0.3744 by changing the saturation by 10% instead.


 73.3503, 0.3738,
0.3744

 73.3503, 0.3738,
0.3744


472.2280, 0.3456,
0.3540

 54.2624, 0.3802,
0.3788


 123.9744, 0.3640,
0.3675

 38.8115, 0.3880,
0.3842


156.2794, 0.3602,
0.3648

 26.6131, 0.3979,
0.3908


193.7589, 0.3569,
0.3624

 17.2829, 0.4105,
0.3990

236.7973, 0.3541,
0.3603

 10.4364, 0.4272,
0.4093

285.7791, 0.3516,
0.3585

 5.6892, 0.4500,
0.4224

341.0885, 0.3493,

 2.6571, 0.4910,

0.3568

0.4463

403.1100, 0.3473,
0.3554

■ 0.9554, 0.5382,
0.4618

■ 0.0000, 1.0000,
0.0000

■ 73.3503, 0.3738,
0.3744

■ 73.3503, 0.3738,
0.3744

■ 66.5539, 0.3974,
0.3886

■ 80.7882, 0.3524,
0.3600

■ 60.3686, 0.4228,
0.4016

■ 88.8766, 0.3334,
0.3458

■ 54.7762, 0.4492,
0.4124

■ 97.6368, 0.3166,
0.3323

■ 49.7532, 0.4754,
0.4197

99.9931, 0.3127,
0.3290

■ 45.2737, 0.4999,
0.4222

■ 41.3082, 0.5211,
0.4192

■ 38.6561, 0.5345,
0.4138

Harmonies

Analogous

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



73.3503, 0.3788, 0.3503



73.3503, 0.3738, 0.3744



73.3503, 0.3520, 0.3879

Triad

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



73.3503, 0.3738, 0.3744



73.3503, 0.2626, 0.3323



73.3503, 0.3024, 0.2803

Complementary

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



73.3503, 0.3738, 0.3744



62.5541, 0.2599, 0.2787

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.



73.3503, 0.2728, 0.2742



73.3503, 0.3738, 0.3744



73.3503, 0.2508, 0.3020

Square

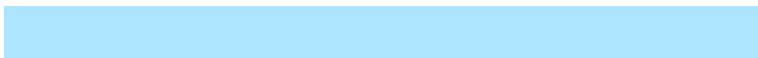
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.3503, 0.3738, 0.3744



73.3503, 0.2876, 0.3636



73.3503, 0.2545, 0.2815



73.3503, 0.3363, 0.2977

Rectangle

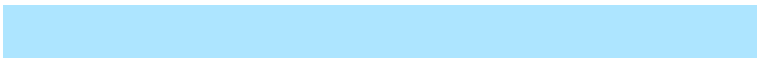
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.3503, 0.3738, 0.3744



73.3503, 0.3314, 0.3878



73.3503, 0.2545, 0.2815



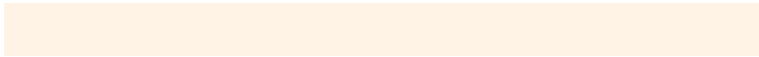
73.3503, 0.2916, 0.2769

Sweetspot

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



73.3537, 0.3738, 0.3744



91.0636, 0.3289, 0.3423



55.5200, 0.3519, 0.2878



19.2342, 0.3314, 0.3442



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.



73.3537, 0.3738, 0.3744



68.9093, 0.3888, 0.3836



95.4674, 0.3610, 0.4108



19.5827, 0.3281, 0.3416



20.5070, 0.5321, 0.4157



2.2155, 0.5157, 0.4287

Inverse Universe

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



62.5541, 0.2599, 0.2787



56.5958, 0.2491, 0.2667



45.6547, 0.2550, 0.2323



18.7839, 0.2979, 0.3161



11.0485, 0.1743, 0.1473



1.2922, 0.1802, 0.1686

Previews

White Background



This preview shows how the Yxy color 73.3503, 0.3738, 0.3744 looks on a white background.

Color Contrast Check

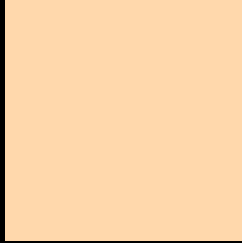
Large Text (above 18pt) WCAG AA × Fail

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 73.3503, 0.3738, 0.3744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

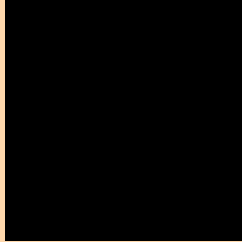
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.3503, 0.3738, 0.3744

Background



This preview shows how black text looks on a background with the Yxy color 73.3503, 0.3738, 0.3744.



This preview shows how white text looks on a background with the Yxy color 73.3503, 0.3738, 0.3744.

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

73.3503, 0.3738, 0.3744

Protanopia

73.3422, 0.3560, 0.3796

Deuteranopia

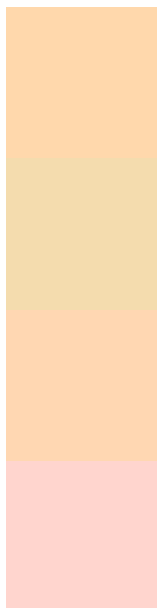
73.2383, 0.3668, 0.3631



Tritanopia

73.2848, 0.3358, 0.3150

Trichromacy



Original Color

73.3503, 0.3738, 0.3744

Protanomaly

73.4755, 0.3626, 0.3777

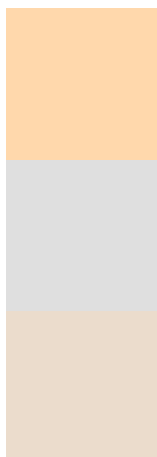
Deuteranomaly

73.0752, 0.3697, 0.3672

Tritanomaly

73.3047, 0.3494, 0.3363

Monochromacy



Original Color

73.3503, 0.3738, 0.3744

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.2082, 0.3345, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3503, 0.3738, 0.3744 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, 216, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 172)  
}
```

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, 216, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 172) }
```

Border

The CSS property to change the border of an element to Yxy 73.3503, 0.3738, 0.3744 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, 216, 172) }
```

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

```
.border{ border-color:rgb(255, 216, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3503, 0.3738, 0.3744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 172) }
```

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

```
.background{ background-color: rgb(255,  
216, 172) }
```

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