

Converting Colors

$Y_{xy}(94.0830, 0.4365, 0.3701)$

Have a look what the booklet for
Yxy(94.0830, 0.4365, 0.3701)
contains.

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Color

Yxy(74.7502, 0.3757, 0.3814)

Conversions

Conversions Part 1

Format	Color
Hex	FFDBA8
RGB	255, 219, 168
RGB Percent	100%, 86%, 66%
CMY	0.0001, 0.1411, 0.3411
CMYK	0.00, 0.14, 0.34, 0.00
HSL	35°, 100%, 83%
HSV	35°, 34%, 100%
XYZ	73.6331, 74.7502, 47.6057
YIQ	223.9500, 37.8270, -8.2290

Conversions

Conversions Part 2

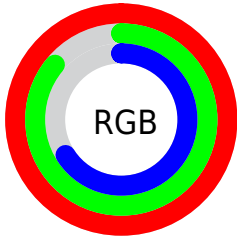
Format	Color
R _Y B	229, 255, 168
Decimal	16767912
CIE Lab	89.28, 5.44, 29.71
CIE LCh	89, 30.207, 79.628
Yxy	74.7502, 0.3757, 0.3814
Android (android.graphics.Color)	4294957992 (0xFFFFDBA8)
YUV	223.9500, -27.5833, 27.2309
Hunter-Lab	86.4582, 0.7196, 27.8744

Details

The Yxy color **74.7502, 0.3757, 0.3814** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.7231, 0.2565, 0.2700**, and the grayscale version is **74.6857, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1077, 0.3315, 0.3601**, and **39.6822, 0.3897, 0.3920** is the 20% darker color. If you saturate the color by 10%, you get **68.5653, 0.3983, 0.3968**, and if you desaturate by 10%, it is **81.4769, 0.3548, 0.3656**.

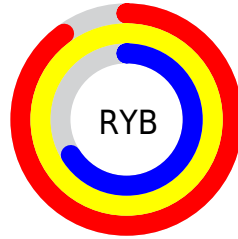
Distribution



Red (100%)

Green (86%)

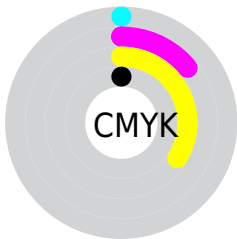
Blue (66%)



Red (90%)

Yellow (100%)

Blue (66%)

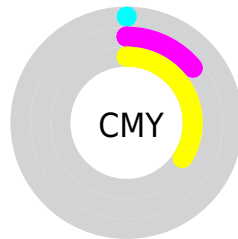


Cyan (0%)

Magenta (14%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (14%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.7502, 0.3757, 0.3814 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 74.7502, 0.3757, 0.3814 by changing the saturation by 10% instead.

 74.7502, 0.3757,
0.3814

 74.7502, 0.3757,
0.3814


477.0585, 0.3468,
0.3579

 55.4083, 0.3822,
0.3865


 125.9587, 0.3658,
0.3734

 39.7287, 0.3901,
0.3927


 158.5941, 0.3619,
0.3703

 27.3271, 0.3999,
0.4003


196.4293, 0.3585,
0.3675

 17.8190, 0.4124,
0.4097

239.8489, 0.3556,
0.3651

 10.8201, 0.4288,
0.4216

289.2373, 0.3530,
0.3630

 5.9460, 0.4506,
0.4365

344.9787, 0.3507,

 2.8123, 0.4927,

0.3611

0.4665

407.4577, 0.3486,
0.3594

■ 1.0345, 0.5238,
0.4762

■ 0.0000, 1.0000,
0.0000

■ 74.7502, 0.3757,
0.3814

■ 74.7502, 0.3757,
0.3814

■ 68.5653, 0.3983,
0.3968

■ 81.4769, 0.3548,
0.3656

■ 62.8945, 0.4221,
0.4108

■ 88.7512, 0.3360,
0.3499

■ 57.7225, 0.4463,
0.4224

■ 96.5920, 0.3191,
0.3349

■ 53.0290, 0.4697,
0.4302

99.9943, 0.3127,
0.3290

■ 48.7911, 0.4910,
0.4331

■ 44.9824, 0.5088,
0.4305

■ 42.9170, 0.5179,
0.4270

Harmonies

Analogous

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



74.7502, 0.3848, 0.3567



74.7502, 0.3757, 0.3814



74.7502, 0.3495, 0.3935

Triad

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



74.7502, 0.3757, 0.3814



74.7502, 0.2554, 0.3263



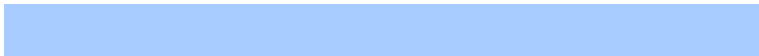
74.7502, 0.3077, 0.2791

Complementary

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



74.7502, 0.3757, 0.3814



58.7231, 0.2565, 0.2700

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.



74.7502, 0.2744, 0.2702



74.7502, 0.3757, 0.3814



74.7502, 0.2456, 0.2949

Square

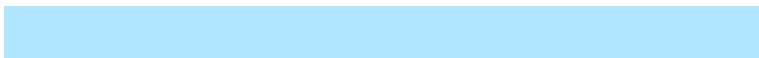
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.7502, 0.3757, 0.3814



74.7502, 0.2801, 0.3611



74.7502, 0.2524, 0.2753



74.7502, 0.3443, 0.2995

Rectangle

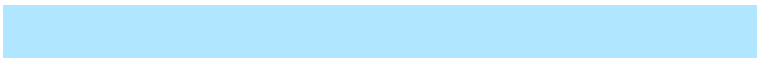
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.7502, 0.3757, 0.3814



74.7502, 0.3265, 0.3912



74.7502, 0.2524, 0.2753



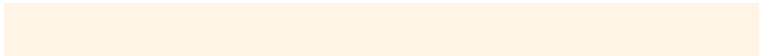
74.7502, 0.2958, 0.2747

Sweetspot

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



74.7537, 0.3757, 0.3814



91.9205, 0.3288, 0.3437



53.6416, 0.3597, 0.2916



19.4416, 0.3312, 0.3458



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

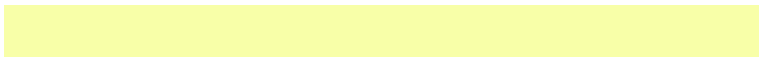
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.7537, 0.3757, 0.3814



70.4457, 0.3911, 0.3921



94.2351, 0.3593, 0.4158



19.7575, 0.3280, 0.3429



22.7325, 0.5159, 0.4286



2.4290, 0.5018, 0.4397

Inverse Universe

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



58.7231, 0.2565, 0.2700



52.1907, 0.2446, 0.2556



44.3791, 0.2557, 0.2279



18.6117, 0.2979, 0.3147



9.3775, 0.1694, 0.1299



1.1223, 0.1756, 0.1521

Previews

White Background



This preview shows how the Yxy color 74.7502, 0.3757, 0.3814 looks on a white background.

Color Contrast Check

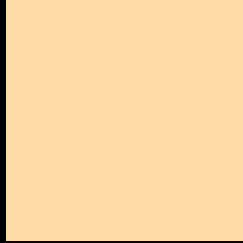
Large Text (above 18pt) WCAG AA × Fail

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 74.7502, 0.3757, 0.3814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

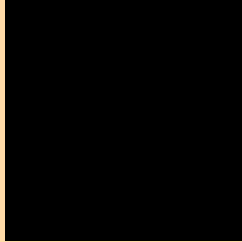
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.7502, 0.3757, 0.3814

Background



This preview shows how black text looks on a background with the Yxy color 74.7502, 0.3757, 0.3814.



This preview shows how white text looks on a background with the Yxy color 74.7502, 0.3757, 0.3814.

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

74.7502, 0.3757, 0.3814

Protanopia

74.7389, 0.3612, 0.3865

Deuteranopia

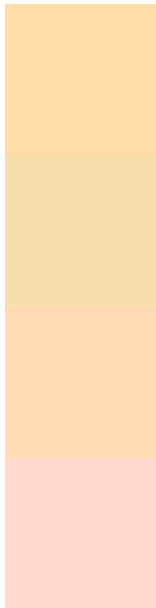
74.9056, 0.3637, 0.3630



Tritanopia

74.8992, 0.3340, 0.3160

Trichromacy



Original Color

74.7502, 0.3757, 0.3814

Protanomaly

74.5196, 0.3663, 0.3848

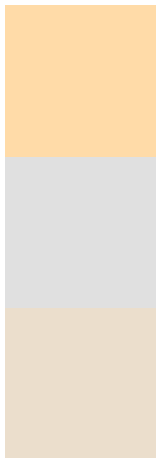
Deuteranomaly

74.6575, 0.3681, 0.3692

Tritanomaly

74.8280, 0.3488, 0.3393

Monochromacy



Original Color

74.7502, 0.3757, 0.3814

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.2644, 0.3343, 0.3483

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7502, 0.3757, 0.3814 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, 219, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 168)  
}
```

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, 219, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 168) }
```

Border

The CSS property to change the border of an element to Yxy 74.7502, 0.3757, 0.3814 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, 219, 168) }
```

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

```
.border{ border-color:rgb(255, 219, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7502, 0.3757, 0.3814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 168) }
```

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

```
.background{ background-color: rgb(255,  
219, 168) }
```

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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