

Converting Colors

$Y_{xy}(117.1251, 0.4617, 0.3410)$

Have a look what the booklet for
Yxy(117.1251, 0.4617, 0.3410)
contains.

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Color

Yxy(74.4490, 0.3547, 0.3475)

Conversions

Conversions Part 1

Format	Color
Hex	FFD8C6
RGB	255, 216, 198
RGB Percent	100%, 85%, 78%
CMY	0.0000, 0.1529, 0.2235
CMYK	0.00, 0.15, 0.22, 0.00
HSL	19°, 100%, 89%
HSV	19°, 22%, 100%
XYZ	75.9915, 74.4490, 63.8012
YIQ	225.6090, 29.0220, 2.6700

Conversions

Conversions Part 2

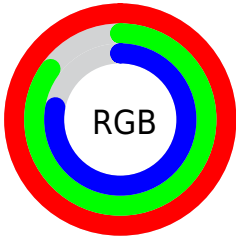
Format	Color
R _Y B	255, 224, 198
Decimal	16767174
CIE Lab	89.13, 10.90, 13.91
CIE LCh	89, 17.669, 51.908
Yxy	74.4490, 0.3547, 0.3475
Android (android.graphics.Color)	4294957254 (0xFFFFD8C6)
YUV	225.6090, -13.6112, 25.7759
Hunter-Lab	86.2838, 6.2111, 16.5577

Details

The Yxy color $74.4490, 0.3547, 0.3475$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $79.8054, 0.2780, 0.3097$, and the grayscale version is $75.8428, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.5091, 0.3653, 0.3514$ is the 20% darker color. If you saturate the color by 10%, you get $64.8995, 0.3792, 0.3563$, and if you desaturate by 10%, it is $85.1515, 0.3339, 0.3389$.

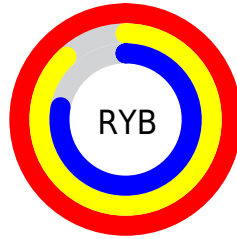
Distribution



Red (100%)

Green (85%)

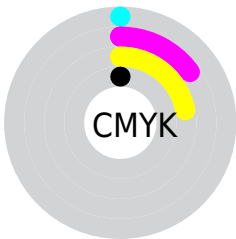
Blue (78%)



Red (100%)

Yellow (88%)

Blue (78%)

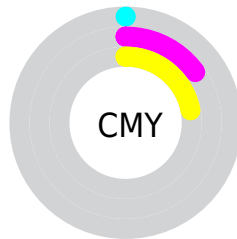


Cyan (0%)

Magenta (15%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.4490, 0.3547, 0.3475 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 74.4490, 0.3547, 0.3475 by changing the saturation by 10% instead.


 74.4490, 0.3547,
0.3475

 74.4490, 0.3547,
0.3475


476.0216, 0.3352,
0.3393

 55.1616, 0.3592,
0.3493


125.5321, 0.3479,
0.3447

 39.5311, 0.3647,
0.3514


158.0966, 0.3453,
0.3436

 27.1732, 0.3717,
0.3541


195.8556, 0.3430,
0.3427

 17.7033, 0.3808,
0.3574

239.1934, 0.3411,
0.3418

 10.7372, 0.3933,
0.3617

288.4946, 0.3393,
0.3411

 5.8904, 0.4111,
0.3673

344.1434, 0.3378,

 2.7786, 0.4387,

0.3404

0.3747

406.5242, 0.3364,
0.3398

1.0172, 0.5293,
0.4177

0.0000, 1.0000,
0.0000

74.4490, 0.3547,
0.3475

74.4490, 0.3547,
0.3475

64.8995, 0.3792,
0.3563

85.1515, 0.3339,
0.3389

56.4558, 0.4076,
0.3650

97.0366, 0.3164,
0.3308

49.0787, 0.4399,
0.3727

100.0000, 0.3127,
0.3290

42.7235, 0.4754,
0.3785

■ 37.3424, 0.5122,
0.3812

■ 32.8828, 0.5474,
0.3795

■ 29.2863, 0.5774,
0.3729

■ 27.0686, 0.5957,
0.3652

Harmonies

Analogous

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



74.4490, 0.3488, 0.3298



74.4490, 0.3547, 0.3475



74.4490, 0.3489, 0.3611

Triad

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



74.4490, 0.3547, 0.3475



74.4490, 0.2923, 0.3461



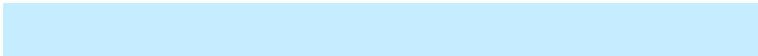
74.4490, 0.2916, 0.2937

Complementary

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



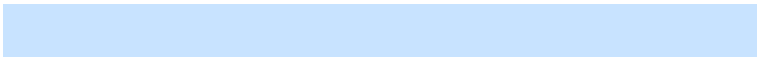
74.4490, 0.3547, 0.3475



79.8054, 0.2780, 0.3097

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.



74.4490, 0.2774, 0.2967



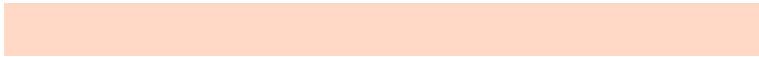
74.4490, 0.3547, 0.3475



74.4490, 0.2778, 0.3265

Square

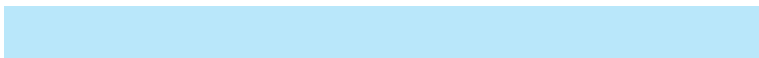
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.4490, 0.3547, 0.3475



74.4490, 0.3125, 0.3611



74.4490, 0.2725, 0.3084



74.4490, 0.3118, 0.2996

Rectangle

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



74.4490, 0.3547, 0.3475



74.4490, 0.3394, 0.3658



74.4490, 0.2725, 0.3084



74.4490, 0.2860, 0.2937

Sweetspot

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



74.4516, 0.3547, 0.3475



91.3551, 0.3242, 0.3345



67.8241, 0.3277, 0.2892



19.4002, 0.3252, 0.3350



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.



74.4516, 0.3547, 0.3475



69.8653, 0.3656, 0.3516



89.8012, 0.3489, 0.3744



18.9225, 0.3286, 0.3366



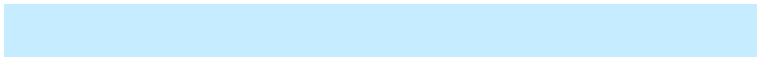
14.3788, 0.5927, 0.3676



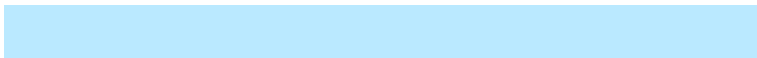
1.5862, 0.5706, 0.3851

Inverse Universe

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



79.8054, 0.2780, 0.3097



76.1082, 0.2709, 0.3052



65.0330, 0.2757, 0.2790



19.4575, 0.2980, 0.3213



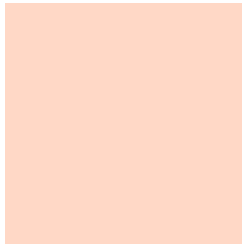
19.9747, 0.1951, 0.2223



2.1412, 0.1989, 0.2359

Previews

White Background



This preview shows how the Yxy color 74.4490, 0.3547, 0.3475 looks on a white background.

Color Contrast Check

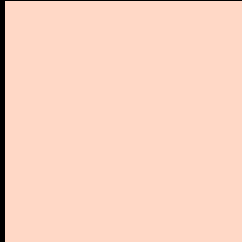
Large Text (above 18pt) WCAG AA × Fail

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 74.4490, 0.3547, 0.3475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

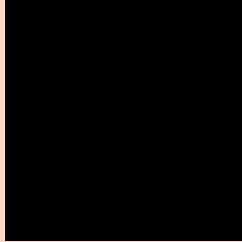
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.4490, 0.3547, 0.3475

Background



This preview shows how black text looks on a background with the Yxy color 74.4490, 0.3547, 0.3475.



This preview shows how white text looks on a background with the Yxy color 74.4490, 0.3547, 0.3475.

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

74.4490, 0.3547, 0.3475

Protanopia

74.3633, 0.3340, 0.3516

Deuteranopia

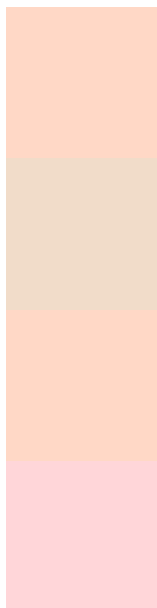
74.4490, 0.3547, 0.3475



Tritanopia

74.4499, 0.3334, 0.3140

Trichromacy



Original Color

74.4490, 0.3547, 0.3475

Protanomaly

74.1042, 0.3411, 0.3491

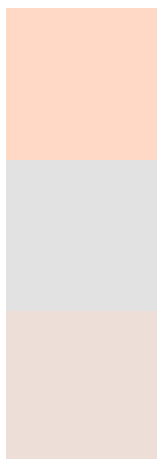
Deuteranomaly

74.4490, 0.3547, 0.3475

Tritanomaly

74.3629, 0.3412, 0.3261

Monochromacy



Original Color

74.4490, 0.3547, 0.3475

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.2049, 0.3275, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4490, 0.3547, 0.3475 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 198) }
```

Border

The CSS property to change the border of an element to Yxy 74.4490, 0.3547, 0.3475 is called "border". The border property can be set on classes, ids or directly on the HTML element.

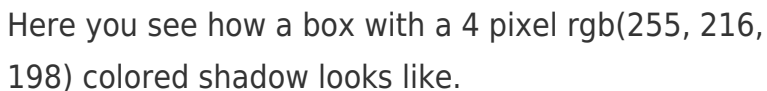
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 216, 198) }
```

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

```
.border{ border-color:rgb(255, 216, 198) }
```

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, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4490, 0.3547, 0.3475 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, 198) }
```

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

```
.background{ background-color: rgb(255,  
216, 198) }
```

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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