

Converting Colors

$Y_{xy}(84.3333, 0.3975, 0.3495)$

Have a look what the booklet for
Yxy(84.3333, 0.3975, 0.3495)
contains.

Yxy(73.6666, 0.3594, 0.3527)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(73.6666, 0.3594, 0.3527)

Conversions

Conversions Part 1

Format	Color
Hex	FFD7C0
RGB	255, 215, 192
RGB Percent	100%, 84%, 75%
CMY	0.0000, 0.1569, 0.2471
CMYK	0.00, 0.16, 0.25, 0.00
HSL	22°, 100%, 88%
HSV	22°, 25%, 100%
XYZ	75.0660, 73.6666, 60.1322
YIQ	224.3380, 31.2230, 1.3270

Conversions

Conversions Part 2

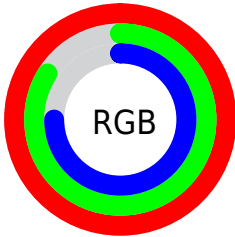
Format	Color
R _Y B	255, 228, 192
Decimal	16766912
CIE Lab	88.76, 10.60, 16.54
CIE LCh	89, 19.646, 57.342
Yxy	73.6666, 0.3594, 0.3527
Android (android.graphics.Color)	4294956992 (0xFFFFD7C0)
YUV	224.3380, -15.9426, 26.8906
Hunter-Lab	85.8292, 5.9144, 18.5418

Details

The Yxy color **73.6666, 0.3594, 0.3527** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.1463, 0.2741, 0.3040**, and the grayscale version is **74.8903, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **38.9824, 0.3715, 0.3581** is the 20% darker color. If you saturate the color by 10%, you get **64.7848, 0.3839, 0.3629**, and if you desaturate by 10%, it is **83.5518, 0.3382, 0.3427**.

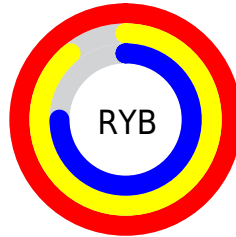
Distribution



Red (100%)

Green (84%)

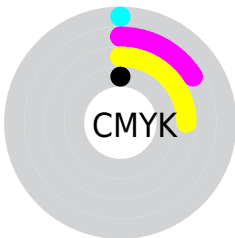
Blue (75%)



Red (100%)

Yellow (89%)

Blue (75%)

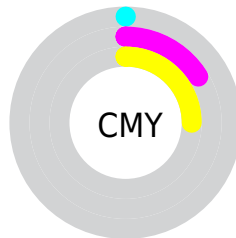


Cyan (0%)

Magenta (16%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (16%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.6666, 0.3594, 0.3527 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 73.6666, 0.3594, 0.3527 by changing the saturation by 10% instead.


 73.6666, 0.3594,
0.3527

 73.6666, 0.3594,
0.3527


473.3219, 0.3377,
0.3422

 54.5212, 0.3644,
0.3550


 124.4231, 0.3518,
0.3491

 39.0185, 0.3705,
0.3578


156.8029, 0.3489,
0.3477

 26.7741, 0.3783,
0.3612


194.3631, 0.3464,
0.3465

 17.4037, 0.3885,
0.3655

237.4879, 0.3442,
0.3454

 10.5227, 0.4023,
0.3710

286.5618, 0.3423,
0.3445

 5.7469, 0.4220,
0.3782

341.9692, 0.3406,

 2.6918, 0.4522,

0.3436

0.3876

404.0944, 0.3390,
0.3428

0.9730, 0.5581,
0.4419

0.0000, 1.0000,
0.0000

73.6666, 0.3594,
0.3527

73.6666, 0.3594,
0.3527

64.7848, 0.3839,
0.3629

83.5518, 0.3382,
0.3427

56.8860, 0.4120,
0.3727

94.4856, 0.3202,
0.3332

49.9300, 0.4435,
0.3813

100.0000, 0.3127,
0.3290

43.8787, 0.4773,
0.3876

■ 38.6910, 0.5116,
0.3903

■ 34.3217, 0.5437,
0.3883

■ 30.7202, 0.5707,
0.3809

■ 29.0980, 0.5827,
0.3755

Harmonies

Analogous

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



73.6666, 0.3552, 0.3335



73.6666, 0.3594, 0.3527



73.6666, 0.3506, 0.3667

Triad

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



73.6666, 0.3594, 0.3527



73.6666, 0.2864, 0.3443



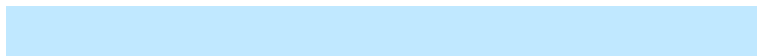
73.6666, 0.2928, 0.2903

Complementary

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



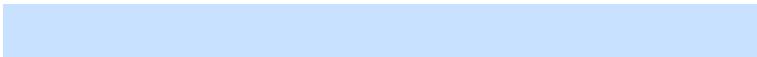
73.6666, 0.3594, 0.3527



76.1463, 0.2741, 0.3040

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.



73.6666, 0.2756, 0.2917



73.6666, 0.3594, 0.3527



73.6666, 0.2720, 0.3221

Square

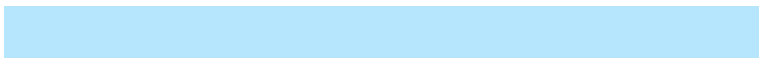
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.6666, 0.3594, 0.3527



73.6666, 0.3081, 0.3626



73.6666, 0.2681, 0.3029



73.6666, 0.3160, 0.2984

Rectangle

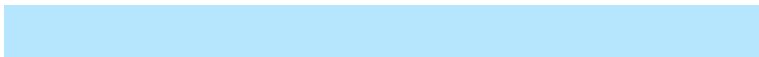
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.6666, 0.3594, 0.3527



73.6666, 0.3388, 0.3707



73.6666, 0.2681, 0.3029



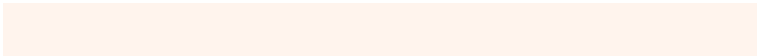
73.6666, 0.2862, 0.2897

Sweetspot

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



73.6622, 0.3594, 0.3527



91.8824, 0.3241, 0.3354



64.8406, 0.3320, 0.2878



19.5221, 0.3252, 0.3359



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.



73.6622, 0.3594, 0.3527



68.8376, 0.3719, 0.3581



90.7042, 0.3523, 0.3823



19.0723, 0.3285, 0.3377



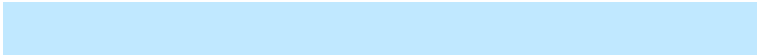
15.4629, 0.5798, 0.3779



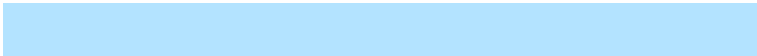
1.7049, 0.5582, 0.3950

Inverse Universe

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



76.1463, 0.2741, 0.3040



71.7284, 0.2658, 0.2978



60.4111, 0.2710, 0.2694



19.3014, 0.2980, 0.3201



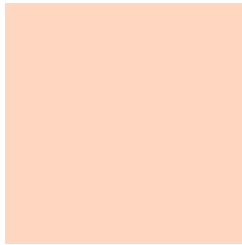
17.5595, 0.1902, 0.2045



1.9179, 0.1945, 0.2203

Previews

White Background



This preview shows how the Yxy color 73.6666, 0.3594, 0.3527 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 73.6666, 0.3594, 0.3527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

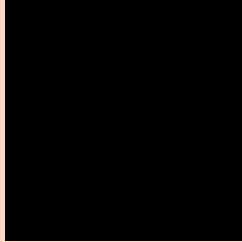
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.6666, 0.3594, 0.3527

Background



This preview shows how black text looks on a background with the Yxy color 73.6666, 0.3594, 0.3527.



This preview shows how white text looks on a background with the Yxy color 73.6666, 0.3594, 0.3527.

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

73.6666, 0.3594, 0.3527

Protanopia

73.5517, 0.3383, 0.3571

Deuteranopia

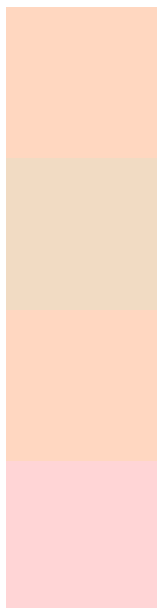
73.7111, 0.3586, 0.3517



Tritanopia

73.8380, 0.3349, 0.3150

Trichromacy



Original Color

73.6666, 0.3594, 0.3527

Protanomaly

73.3039, 0.3456, 0.3545

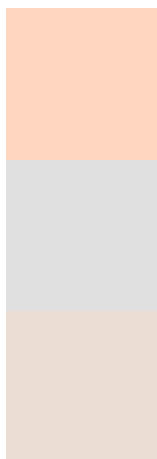
Deuteranomaly

73.7111, 0.3586, 0.3517

Tritanomaly

73.7035, 0.3435, 0.3281

Monochromacy



Original Color

73.6666, 0.3594, 0.3527

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.1285, 0.3289, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6666, 0.3594, 0.3527 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, 215, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 192)  
}
```

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, 215, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 192) }
```

Border

The CSS property to change the border of an element to Yxy 73.6666, 0.3594, 0.3527 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, 215, 192) }
```

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

```
.border{ border-color:rgb(255, 215, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6666, 0.3594, 0.3527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 192) }
```

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

```
.background{ background-color: rgb(255,  
215, 192) }
```

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