

Converting Colors

$Y_{xy}(100.0000, 0.4562, 0.3674)$

Have a look what the booklet for
Yxy(100.0000, 0.4562, 0.3674)
contains.

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Color

Yxy(73.5660, 0.3793, 0.3835)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9A4
RGB	255, 217, 164
RGB Percent	100%, 85%, 64%
CMY	0.0000, 0.1490, 0.3567
CMYK	0.00, 0.15, 0.36, 0.00
HSL	35°, 100%, 82%
HSV	35°, 36%, 100%
XYZ	72.7603, 73.5660, 45.5016
YIQ	222.3200, 39.6610, -8.4270

Conversions

Conversions Part 2

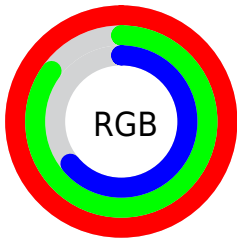
Format	Color
R_{YB}	229, 255, 164
Decimal	16767396
CIE _{Lab}	88.72, 6.03, 31.02
CIE _{LCh}	89, 31.600, 79.007
Yxy	73.5660, 0.3793, 0.3835
Android (android.graphics.Color)	4294957476 (0xFFFFD9A4)
YUV	222.3200, -28.7518, 28.6604
Hunter-Lab	85.7706, 1.3253, 28.5859

Details

The Yxy color **73.5660, 0.3793, 0.3835** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.3736, 0.2538, 0.2673**, and the grayscale version is **73.4721, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8945, 0.3339, 0.3641**, and **38.8808, 0.3945, 0.3946** is the 20% darker color. If you saturate the color by 10%, you get **67.4196, 0.4022, 0.3987**, and if you desaturate by 10%, it is **80.2523, 0.3581, 0.3678**.

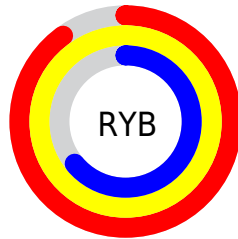
Distribution



Red (100%)

Green (85%)

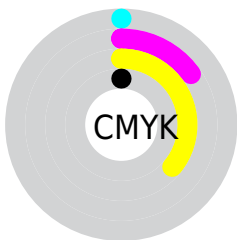
Blue (64%)



Red (90%)

Yellow (100%)

Blue (64%)

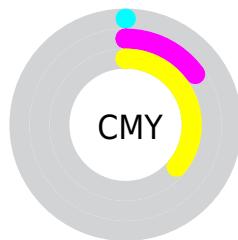


Cyan (0%)

Magenta (15%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (15%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.5660, 0.3793, 0.3835 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 73.5660, 0.3793, 0.3835 by changing the saturation by 10% instead.


 73.5660, 0.3793,
0.3835

 73.5660, 0.3793,
0.3835


472.9741, 0.3487,
0.3590

 54.4389, 0.3862,
0.3888


 124.2804, 0.3688,
0.3752

 38.9527, 0.3945,
0.3952

 156.6365, 0.3646,
0.3719

 26.7229, 0.4050,
0.4030


194.1710, 0.3611,
0.3691

 17.3652, 0.4182,
0.4127

237.2684, 0.3580,
0.3666

 10.4952, 0.4354,
0.4247

286.3130, 0.3552,
0.3644

 5.7285, 0.4582,
0.4396

341.6892, 0.3528,

 2.6807, 0.5089,

0.3624

0.4756

403.7815, 0.3506,
0.3606

0.9674, 0.5285,
0.4715

0.0000, 1.0000,
0.0000

73.5660, 0.3793,
0.3835

73.5660, 0.3793,
0.3835

67.4196, 0.4022,
0.3987

80.2523, 0.3581,
0.3678

61.7944, 0.4263,
0.4123

87.4941, 0.3388,
0.3522

56.6716, 0.4506,
0.4232

95.3075, 0.3216,
0.3372

52.0302, 0.4740,
0.4302

100.0000, 0.3127,
0.3290

■ 47.8467, 0.4950,
0.4322

■ 44.0935, 0.5125,
0.4287

■ 42.5884, 0.5192,
0.4260

Harmonies

Analogous

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



73.5660, 0.3885, 0.3572



73.5660, 0.3793, 0.3835



73.5660, 0.3520, 0.3969

Triad

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



73.5660, 0.3793, 0.3835



73.5660, 0.2529, 0.3268



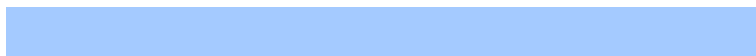
73.5660, 0.3066, 0.2764

Complementary

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



73.5660, 0.3793, 0.3835



57.3736, 0.2538, 0.2673

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.



73.5660, 0.2719, 0.2673



73.5660, 0.3793, 0.3835



73.5660, 0.2424, 0.2937

Square

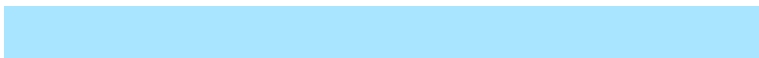
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.5660, 0.3793, 0.3835



73.5660, 0.2790, 0.3635



73.5660, 0.2491, 0.2729



73.5660, 0.3451, 0.2975

Rectangle

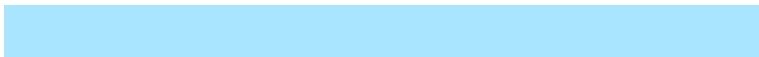
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.5660, 0.3793, 0.3835



73.5660, 0.3278, 0.3949



73.5660, 0.2491, 0.2729



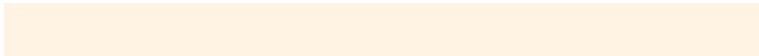
73.5660, 0.2941, 0.2719

Sweetspot

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



73.5664, 0.3793, 0.3835



91.0734, 0.3305, 0.3451



52.1562, 0.3612, 0.2883



19.2684, 0.3329, 0.3471



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.



73.5664, 0.3793, 0.3835



69.0110, 0.3959, 0.3947



94.3294, 0.3624, 0.4195



19.7443, 0.3280, 0.3428



22.5552, 0.5171, 0.4276



2.4121, 0.5028, 0.4389

Inverse Universe

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



57.3736, 0.2538, 0.2673



50.6016, 0.2412, 0.2519



42.3398, 0.2516, 0.2222



18.6246, 0.2979, 0.3148



9.4946, 0.1698, 0.1311



1.1344, 0.1759, 0.1533

Previews

White Background



This preview shows how the Yxy color 73.5660, 0.3793, 0.3835 looks on a white background.

Color Contrast Check

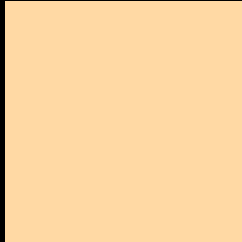
Large Text (above 18pt) WCAG AA × Fail

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 73.5660, 0.3793, 0.3835 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 73.5660, 0.3793, 0.3835

Background



This preview shows how black text looks on a background with the Yxy color 73.5660, 0.3793, 0.3835.



This preview shows how white text looks on a background with the Yxy color 73.5660, 0.3793, 0.3835.

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

73.5660, 0.3793, 0.3835

Protanopia

73.9161, 0.3628, 0.3889

Deuteranopia

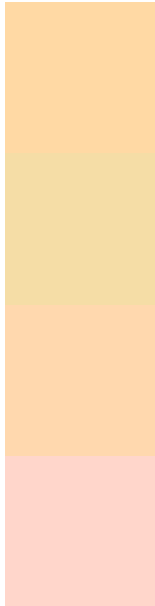
73.6670, 0.3680, 0.3661



Tritanopia

73.7832, 0.3356, 0.3160

Trichromacy



Original Color

73.5660, 0.3793, 0.3835

Protanomaly

73.8786, 0.3688, 0.3870

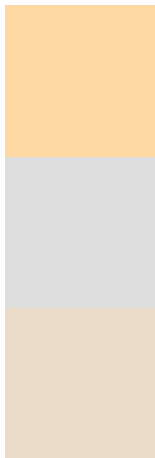
Deuteranomaly

73.4277, 0.3724, 0.3723

Tritanomaly

73.6649, 0.3514, 0.3403

Monochromacy



Original Color

73.5660, 0.3793, 0.3835

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.8959, 0.3359, 0.3495

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5660, 0.3793, 0.3835 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 164) }
```

Border

The CSS property to change the border of an element to Yxy 73.5660, 0.3793, 0.3835 is called "border". The border property can be set on classes, ids or directly on the HTML element.

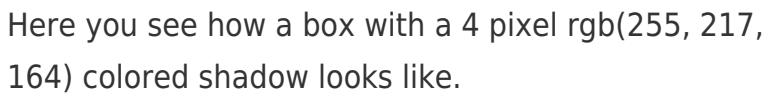
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 217, 164) }
```

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

```
.border{ border-color:rgb(255, 217, 164) }
```

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, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 217, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 217, 164); box-shadow:4px 4px 4px 4px rgb(255, 217, 164) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5660, 0.3793, 0.3835 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, 164) }
```

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

```
.background{ background-color: rgb(255,  
217, 164) }
```

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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