

Converting Colors

$Yxy(65.3549, 0.3967, 0.3856)$

Have a look what the booklet for
Yxy(65.3549, 0.3967, 0.3856)
contains.

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Color

Yxy(65.4500, 0.3964, 0.3852)

Conversions

Conversions Part 1

Format	Color
Hex	FECA94
RGB	254, 202, 148
RGB Percent	100%, 79%, 58%
CMY	0.0037, 0.2079, 0.4195
CMYK	0.00, 0.20, 0.42, 0.00
HSL	31°, 98%, 79%
HSV	31°, 42%, 100%
XYZ	67.3530, 65.4500, 37.1087
YIQ	211.3920, 48.3260, -5.7700

Conversions

Conversions Part 2

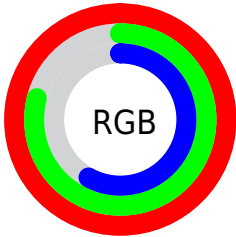
Format	Color
R _Y B	250, 254, 148
Decimal	16698004
CIE Lab	84.72, 11.65, 33.94
CIE LCh	85, 35.889, 71.055
Yxy	65.4500, 0.3964, 0.3852
Android (android.graphics.Color)	4294888084 (0xFFFECA94)
YUV	211.3920, -31.2523, 37.3672
Hunter-Lab	80.9012, 7.0303, 29.4350

Details

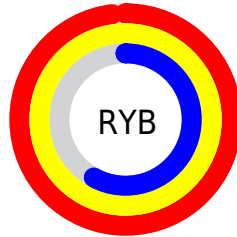
The Yxy color **65.4500, 0.3964, 0.3852** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.8040, 0.2450, 0.2644**, and the grayscale version is **65.6059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0918, 0.3436, 0.3800**, and **33.6450, 0.4155, 0.3966** is the 20% darker color. If you saturate the color by 10%, you get **59.1160, 0.4223, 0.3979**, and if you desaturate by 10%, it is **72.4400, 0.3725, 0.3715**.

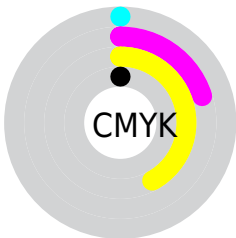
Distribution



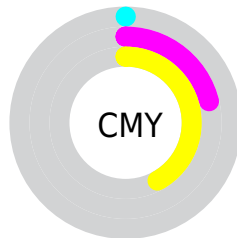
- Red (100%)
- Green (79%)
- Blue (58%)



- Red (98%)
- Yellow (100%)
- Blue (58%)



- Cyan (0%)
- Magenta (20%)
- Yellow (42%)
- Black (0%)




- Cyan (0%)
- Magenta (21%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.4500, 0.3964, 0.3852 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 65.4500, 0.3964, 0.3852 by changing the saturation by 10% instead.


 65.4500, 0.3964,
0.3852


 65.4500, 0.3964,
0.3852


444.4073, 0.3571,
0.3601

 47.8261, 0.4054,
0.3905


 112.6966, 0.3827,
0.3768

 33.6892, 0.4164,
0.3969


 143.0880, 0.3774,
0.3734

 22.6549, 0.4302,
0.4044


178.5040, 0.3728,
0.3705

 14.3389, 0.4478,
0.4134

219.3291, 0.3689,
0.3679

 8.3568, 0.4706,
0.4237

265.9475, 0.3654,
0.3656

 4.3241, 0.5027,
0.4362

318.7438, 0.3623,

 1.8564, 0.5504,

0.3636

0.4496

378.1023, 0.3595,
0.3618

0.5220, 0.5993,
0.4007

0.0000, 0.0000,
0.0000

65.4500, 0.3964,
0.3852

65.4500, 0.3964,
0.3852

59.1160, 0.4223,
0.3979

72.4400, 0.3725,
0.3715

53.4058, 0.4496,
0.4084

80.0980, 0.3511,
0.3576

48.2980, 0.4769,
0.4155

88.4474, 0.3321,
0.3441

43.7654, 0.5027,
0.4180

97.5072, 0.3154,
0.3312

■ 39.7775, 0.5252,
0.4150

99.8197, 0.3121,
0.3290

■ 36.8602, 0.5409,
0.4087

Harmonies

Analogous

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



65.4500, 0.4009, 0.3518



65.4500, 0.3964, 0.3852



65.4500, 0.3687, 0.4069

Triad

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



65.4500, 0.3964, 0.3852



65.4500, 0.2490, 0.3377



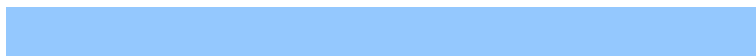
65.4500, 0.2935, 0.2635

Complementary

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



65.4500, 0.3964, 0.3852



54.8040, 0.2450, 0.2644

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.



65.4500, 0.2561, 0.2570



65.4500, 0.3964, 0.3852



65.4500, 0.2319, 0.2960

Square

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



65.4500, 0.3964, 0.3852



65.4500, 0.2832, 0.3804



65.4500, 0.2344, 0.2676



65.4500, 0.3390, 0.2845

Rectangle

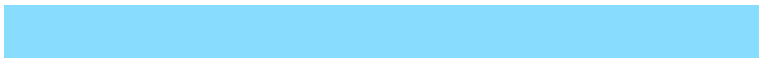
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.4500, 0.3964, 0.3852



65.4500, 0.3417, 0.4097



65.4500, 0.2344, 0.2676



65.4500, 0.2796, 0.2595

Sweetspot

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



65.4531, 0.3964, 0.3852



88.0965, 0.3343, 0.3457



46.4853, 0.3660, 0.2743



18.4496, 0.3384, 0.3487



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.



65.4531, 0.3964, 0.3852



60.6779, 0.4177, 0.3958



94.1321, 0.3752, 0.4324



19.5156, 0.3281, 0.3411



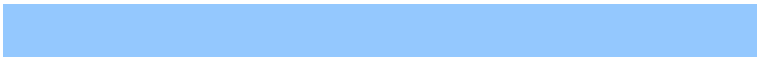
19.7214, 0.5384, 0.4107



2.1389, 0.5212, 0.4244

Inverse Universe

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



54.8040, 0.2450, 0.2644



48.6433, 0.2317, 0.2487



34.6436, 0.2344, 0.1994



18.8506, 0.2979, 0.3166



11.7618, 0.1762, 0.1544



1.3632, 0.1820, 0.1752

Previews

White Background



This preview shows how the Yxy color 65.4500, 0.3964, 0.3852 looks on a white background.

Color Contrast Check

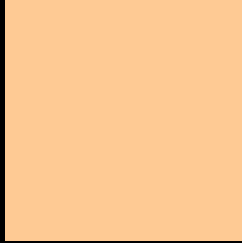
Large Text (above 18pt) WCAG AA × Fail

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 65.4500, 0.3964, 0.3852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

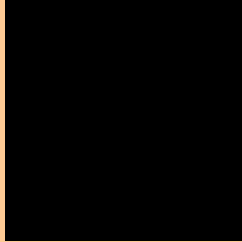
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.4500, 0.3964, 0.3852

Background



This preview shows how black text looks on a background with the Yxy color 65.4500, 0.3964, 0.3852.



This preview shows how white text looks on a background with the Yxy color 65.4500, 0.3964, 0.3852.

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

65.4500, 0.3964, 0.3852

Protanopia

65.8479, 0.3682, 0.3961

Deuteranopia

65.5454, 0.3943, 0.3866



Tritanopia

65.3433, 0.3503, 0.3158

Trichromacy



Original Color

65.4500, 0.3964, 0.3852

Protanomaly

65.3506, 0.3777, 0.3914

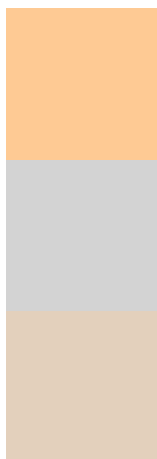
Deuteranomaly

65.7326, 0.3951, 0.3864

Tritanomaly

65.2360, 0.3676, 0.3406

Monochromacy



Original Color

65.4500, 0.3964, 0.3852

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.0735, 0.3419, 0.3514

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.4500, 0.3964, 0.3852 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(254, 202, 148)` looks like.

```
.text, #text, p{  
    color:rgb(254, 202, 148)  
}
```

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(254, 202, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 202, 148) }
```

Border

The CSS property to change the border of an element to Yxy 65.4500, 0.3964, 0.3852 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(254, 202, 148) }
```

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

```
.border{ border-color:rgb(254, 202, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 202, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 202, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 202, 148); box-shadow:4px 4px 4px 4px rgb(254, 202, 148) }
```


Background

The CSS property to change the background color of an element to Yxy 65.4500, 0.3964, 0.3852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 202, 148) }
```

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

```
.background{ background-color: rgb(254,  
202, 148) }
```

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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