

Converting Colors

$Yxy(68.9450, 0.3848, 0.3778)$

Have a look what the booklet for
Yxy(68.9450, 0.3848, 0.3778)
contains.

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Color

Yxy(68.9450, 0.3848, 0.3778)

Conversions

Conversions Part 1

Format	Color
Hex	FFD0A1
RGB	255, 208, 161
RGB Percent	100%, 82%, 63%
CMY	0.0001, 0.1843, 0.3686
CMYK	0.00, 0.18, 0.37, 0.00
HSL	30°, 100%, 82%
HSV	30°, 37%, 100%
XYZ	70.2224, 68.9450, 43.3233
YIQ	216.6950, 43.0990, -4.6530

Conversions

Conversions Part 2

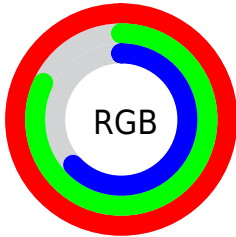
Format	Color
R _Y B	255, 255, 161
Decimal	16765089
CIE Lab	86.48, 10.30, 29.58
CIE LCh	86, 31.325, 70.802
Yxy	68.9450, 0.3848, 0.3778
Android (android.graphics.Color)	4294955169 (0xFFFFD0A1)
YUV	216.6950, -27.4576, 33.5935
Hunter-Lab	83.0331, 5.6523, 27.1881

Details

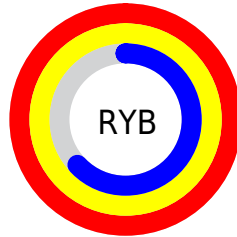
The Yxy color **68.9450, 0.3848, 0.3778** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.8877, 0.2531, 0.2742**, and the grayscale version is **69.3384, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7379, 0.3358, 0.3671**, and **36.0856, 0.4020, 0.3885** is the 20% darker color. If you saturate the color by 10%, you get **62.1724, 0.4100, 0.3909**, and if you desaturate by 10%, it is **76.4067, 0.3619, 0.3641**.

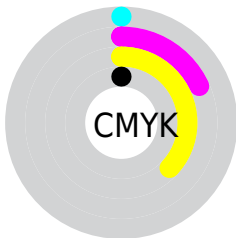
Distribution



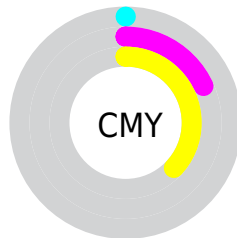
- Red (100%)
- Green (82%)
- Blue (63%)



- Red (100%)
- Yellow (100%)
- Blue (63%)



- Cyan (0%)
- Magenta (18%)
- Yellow (37%)
- Black (0%)




- Cyan (0%)
- Magenta (18%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.9450, 0.3848, 0.3778 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 68.9450, 0.3848, 0.3778 by changing the saturation by 10% instead.


 68.9450, 0.3848,
0.3778


 68.9450, 0.3848,
0.3778


456.8370, 0.3511,
0.3560

 50.6669, 0.3925,
0.3825

 117.7030, 0.3731,
0.3704

 35.9436, 0.4019,
0.3881


 148.9517, 0.3686,
0.3675

 24.3906, 0.4138,
0.3950


185.2928, 0.3646,
0.3650

 15.6236, 0.4291,
0.4033

227.1106, 0.3612,
0.3627

 9.2582, 0.4492,
0.4135

274.7895, 0.3582,
0.3607

 4.9100, 0.4765,
0.4254

328.7140, 0.3556,

 2.1946, 0.5405,

0.3590

0.4595

389.2683, 0.3532,
0.3574

0.7170, 0.5663,
0.4337

0.0000, 0.0000,
0.0000

68.9450, 0.3848,
0.3778

68.9450, 0.3848,
0.3778

62.1724, 0.4100,
0.3909

76.4067, 0.3619,
0.3641

56.0562, 0.4371,
0.4024

84.5692, 0.3416,
0.3506

50.5752, 0.4649,
0.4112

93.4563, 0.3237,
0.3375

45.7025, 0.4922,
0.4159

99.9957, 0.3127,
0.3290

■ 41.4087, 0.5169,
0.4154

■ 37.6588, 0.5376,
0.4093

■ 36.5805, 0.5435,
0.4066

Harmonies

Analogous

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



68.9450, 0.3882, 0.3491



68.9450, 0.3848, 0.3778



68.9450, 0.3614, 0.3958

Triad

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



68.9450, 0.3848, 0.3778



68.9450, 0.2580, 0.3371



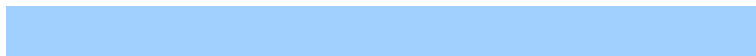
68.9450, 0.2961, 0.2719

Complementary

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



68.9450, 0.3848, 0.3778



59.8877, 0.2531, 0.2742

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.



68.9450, 0.2636, 0.2666



68.9450, 0.3848, 0.3778



68.9450, 0.2427, 0.3014

Square

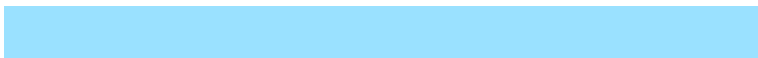
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.9450, 0.3848, 0.3778



68.9450, 0.2879, 0.3730



68.9450, 0.2448, 0.2764



68.9450, 0.3351, 0.2903

Rectangle

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



68.9450, 0.3848, 0.3778



68.9450, 0.3384, 0.3978



68.9450, 0.2448, 0.2764



68.9450, 0.2841, 0.2686

Sweetspot

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



68.9482, 0.3848, 0.3778



89.7040, 0.3308, 0.3428



51.2984, 0.3576, 0.2807



18.9420, 0.3332, 0.3446



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.



68.9482, 0.3848, 0.3778



64.0533, 0.4026, 0.3873



95.3342, 0.3683, 0.4210



19.4886, 0.3282, 0.3409



19.4166, 0.5410, 0.4087



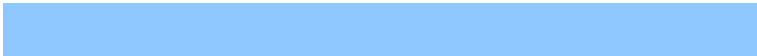
2.1089, 0.5234, 0.4226

Inverse Universe

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



59.8877, 0.2531, 0.2742



53.8274, 0.2415, 0.2614



40.2847, 0.2449, 0.2169



18.8775, 0.2979, 0.3168



12.0598, 0.1770, 0.1573



1.3926, 0.1827, 0.1779

Previews

White Background



This preview shows how the Yxy color 68.9450, 0.3848, 0.3778 looks on a white background.

Color Contrast Check

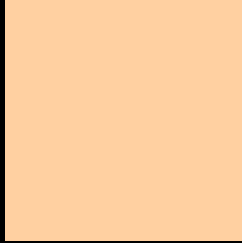
Large Text (above 18pt) WCAG AA × Fail

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 68.9450, 0.3848, 0.3778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

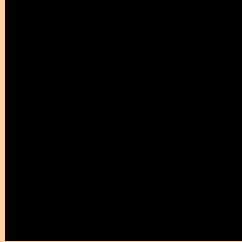
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.9450, 0.3848, 0.3778

Background



This preview shows how black text looks on a background with the Yxy color 68.9450, 0.3848, 0.3778.



This preview shows how white text looks on a background with the Yxy color 68.9450, 0.3848, 0.3778.

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

68.9450, 0.3848, 0.3778

Protanopia

68.9842, 0.3608, 0.3851

Deuteranopia

69.0161, 0.3833, 0.3757



Tritanopia

68.9297, 0.3436, 0.3158

Trichromacy



Original Color

68.9450, 0.3848, 0.3778

Protanomaly

68.7941, 0.3688, 0.3819

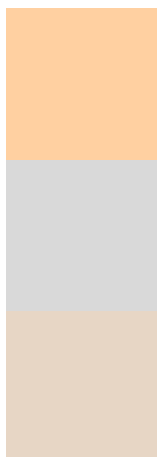
Deuteranomaly

68.9804, 0.3841, 0.3768

Tritanomaly

68.9082, 0.3587, 0.3384

Monochromacy



Original Color

68.9450, 0.3848, 0.3778

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.1133, 0.3374, 0.3476

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.9450, 0.3848, 0.3778 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, 208, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 161)  
}
```

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, 208, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 161) }
```

Border

The CSS property to change the border of an element to Yxy 68.9450, 0.3848, 0.3778 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, 208, 161) }
```

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

```
.border{ border-color:rgb(255, 208, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 208, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 68.9450, 0.3848, 0.3778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 161) }
```

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

```
.background{ background-color: rgb(255,  
208, 161) }
```

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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