

Converting Colors

$Yxy(66.1744, 0.3946, 0.3831)$

Have a look what the booklet for
Yxy(66.1744, 0.3946, 0.3831)
contains.

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Color

Yxy(66.2062, 0.3945, 0.3830)

Conversions

Conversions Part 1

Format	Color
Hex	FFCB97
RGB	255, 203, 151
RGB Percent	100%, 80%, 59%
CMY	0.0000, 0.2040, 0.4078
CMYK	0.00, 0.20, 0.41, 0.00
HSL	30°, 100%, 80%
HSV	30°, 41%, 100%
XYZ	68.1941, 66.2062, 38.4618
YIQ	212.6200, 47.6840, -5.1480

Conversions

Conversions Part 2

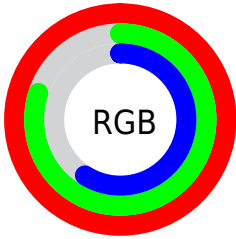
Format	Color
R _Y B	255, 255, 151
Decimal	16763799
CIE Lab	85.10, 11.83, 32.93
CIE LCh	85, 34.995, 70.235
Yxy	66.2062, 0.3945, 0.3830
Android (android.graphics.Color)	4294953879 (0xFFFFCB97)
YUV	212.6200, -30.3787, 37.1673
Hunter-Lab	81.3672, 7.2089, 28.9310

Details

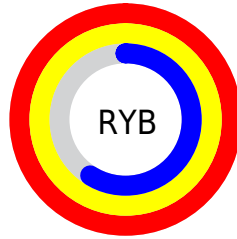
The Yxy color **66.2062, 0.3945, 0.3830** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.5162, 0.2467, 0.2673**, and the grayscale version is **66.4494, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2362, 0.3418, 0.3770**, and **34.1315, 0.4139, 0.3950** is the 20% darker color. If you saturate the color by 10%, you get **59.6825, 0.4205, 0.3956**, and if you desaturate by 10%, it is **73.3936, 0.3706, 0.3695**.

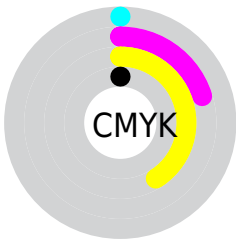
Distribution



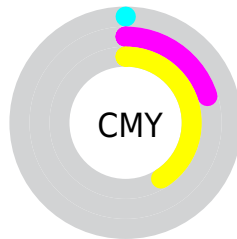
- Red (100%)
- Green (80%)
- Blue (59%)



- Red (100%)
- Yellow (100%)
- Blue (59%)



- Cyan (0%)
- Magenta (20%)
- Yellow (41%)
- Black (0%)





- Cyan (0%)
- Magenta (20%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.2062, 0.3945, 0.3830 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 66.2062, 0.3945, 0.3830 by changing the saturation by 10% instead.


 66.2062, 0.3945,
0.3830


 66.2062, 0.3945,
0.3830


447.1140, 0.3561,
0.3589

 48.4398, 0.4033,
0.3881

 113.7822, 0.3811,
0.3749

 34.1753, 0.4140,
0.3942


 144.3607, 0.3760,
0.3717

 23.0283, 0.4275,
0.4015


179.9786, 0.3715,
0.3689

 14.6144, 0.4448,
0.4102

221.0203, 0.3676,
0.3664

 8.5492, 0.4674,
0.4203

267.8704, 0.3642,
0.3642

 4.4483, 0.4981,
0.4317

320.9131, 0.3612,

 1.9274, 0.5506,

0.3623

0.4494

380.5328, 0.3585,
0.3605

0.5648, 0.5938,
0.4062

0.0000, 0.0000,
0.0000

66.2062, 0.3945,
0.3830

66.2062, 0.3945,
0.3830

59.6825, 0.4205,
0.3956

73.3936, 0.3706,
0.3695

53.8155, 0.4480,
0.4062

81.2831, 0.3493,
0.3558

48.5742, 0.4759,
0.4135

89.8903, 0.3304,
0.3426

43.9309, 0.5024,
0.4162

99.2350, 0.3139,
0.3300

■ 39.8542, 0.5257,
0.4135

100.0000, 0.3127,
0.3290

■ 36.5611, 0.5436,
0.4065

Harmonies

Analogous

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



66.2062, 0.3981, 0.3504



66.2062, 0.3945, 0.3830



66.2062, 0.3681, 0.4044

Triad

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



66.2062, 0.3945, 0.3830



66.2062, 0.2515, 0.3388



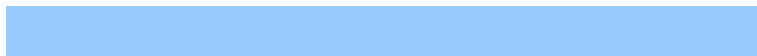
66.2062, 0.2929, 0.2648

Complementary

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



66.2062, 0.3945, 0.3830



56.5162, 0.2467, 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.



66.2062, 0.2568, 0.2589



66.2062, 0.3945, 0.3830



66.2062, 0.2343, 0.2980

Square

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



66.2062, 0.3945, 0.3830



66.2062, 0.2852, 0.3798



66.2062, 0.2362, 0.2699



66.2062, 0.3371, 0.2850

Rectangle

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



66.2062, 0.3945, 0.3830



66.2062, 0.3421, 0.4074



66.2062, 0.2362, 0.2699



66.2062, 0.2795, 0.2611

Sweetspot

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



66.2007, 0.3945, 0.3830



88.8053, 0.3326, 0.3441



47.7878, 0.3626, 0.2738



18.7609, 0.3349, 0.3459



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.



66.2007, 0.3945, 0.3830



60.7974, 0.4157, 0.3935



93.9134, 0.3745, 0.4288



19.4874, 0.3282, 0.3409



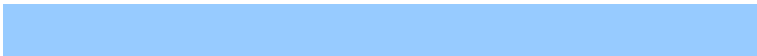
19.4025, 0.5411, 0.4086



2.1076, 0.5235, 0.4225

Inverse Universe

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



56.5162, 0.2467, 0.2673



49.9060, 0.2336, 0.2521



36.4942, 0.2367, 0.2049



18.8788, 0.2979, 0.3168



12.0738, 0.1771, 0.1574



1.3940, 0.1828, 0.1780

Previews

White Background



This preview shows how the Yxy color 66.2062, 0.3945, 0.3830 looks on a white background.

Color Contrast Check

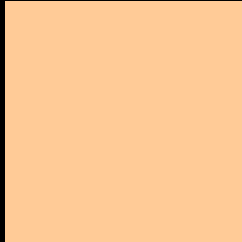
Large Text (above 18pt) WCAG AA × Fail

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 66.2062, 0.3945, 0.3830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

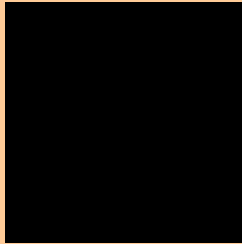
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.2062, 0.3945, 0.3830

Background



This preview shows how black text looks on a background with the Yxy color 66.2062, 0.3945, 0.3830.



This preview shows how white text looks on a background with the Yxy color 66.2062, 0.3945, 0.3830.

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

66.2062, 0.3945, 0.3830

Protanopia

66.6131, 0.3665, 0.3936

Deuteranopia

66.3027, 0.3924, 0.3844



Tritanopia

66.3513, 0.3483, 0.3158

Trichromacy



Original Color

66.2062, 0.3945, 0.3830

Protanomaly

66.1112, 0.3759, 0.3890

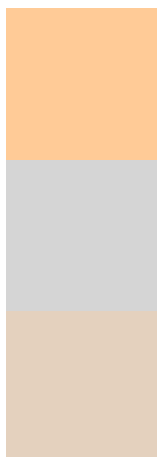
Deuteranomaly

66.4909, 0.3932, 0.3842

Tritanomaly

66.2427, 0.3654, 0.3406

Monochromacy



Original Color

66.2062, 0.3945, 0.3830

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.8126, 0.3410, 0.3502

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2062, 0.3945, 0.3830 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, 203, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 151)  
}
```

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, 203, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 151) }
```

Border

The CSS property to change the border of an element to Yxy 66.2062, 0.3945, 0.3830 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, 203, 151) }
```

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

```
.border{ border-color:rgb(255, 203, 151) }
```

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

Here you see how a box with a 4 pixel rgb(255, 203, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2062, 0.3945, 0.3830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 151) }
```

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

```
.background{ background-color: rgb(255,  
203, 151) }
```

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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