

Converting Colors

$Yxy(92.4405, 0.4823, 0.3769)$

Have a look what the booklet for
Yxy(92.4405, 0.4823, 0.3769)
contains.

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Color

Yxy(66.1950, 0.4059, 0.3998)

Conversions

Conversions Part 1

Format	Color
Hex	FFCC87
RGB	255, 204, 135
RGB Percent	100%, 80%, 53%
CMY	0.0000, 0.2000, 0.4704
CMYK	0.00, 0.20, 0.47, 0.00
HSL	34°, 100%, 76%
HSV	34°, 47%, 100%
XYZ	67.2050, 66.1950, 32.1703
YIQ	211.3830, 52.5450, -10.6470

Conversions

Conversions Part 2

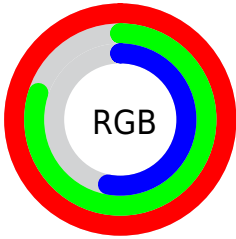
Format	Color
R _Y B	224, 255, 135
Decimal	16764039
CIE Lab	85.10, 9.68, 41.10
CIE LCh	85, 42.221, 76.740
Yxy	66.1950, 0.4059, 0.3998
Android (android.graphics.Color)	4294954119 (0xFFFFCC87)
YUV	211.3830, -37.6568, 38.2521
Hunter-Lab	81.3603, 5.0634, 33.5086

Details

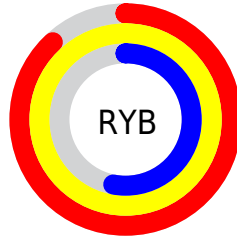
The Yxy color **66.1950, 0.4059, 0.3998** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.4991, 0.2345, 0.2442**, and the grayscale version is **65.6392, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4541, 0.3520, 0.3939**, and **34.1885, 0.4271, 0.4140** is the 20% darker color. If you saturate the color by 10%, you get **60.5895, 0.4303, 0.4130**, and if you desaturate by 10%, it is **72.3373, 0.3826, 0.3850**.

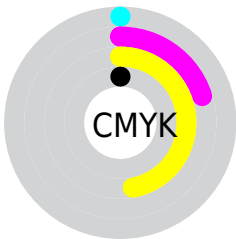
Distribution



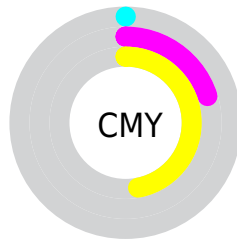
- Red (100%)
- Green (80%)
- Blue (53%)



- Red (88%)
- Yellow (100%)
- Blue (53%)



- Cyan (0%)
- Magenta (20%)
- Yellow (47%)
- Black (0%)





- Cyan (0%)
- Magenta (20%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.1950, 0.4059, 0.3998 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 66.1950, 0.4059, 0.3998 by changing the saturation by 10% instead.


 66.1950, 0.4059,
0.3998


 66.1950, 0.4059,
0.3998


447.0739, 0.3626,
0.3684


 48.4307, 0.4155,
0.4064


 113.7662, 0.3910,
0.3893

 34.1681, 0.4272,
0.4141


 144.3418, 0.3852,
0.3851

 23.0228, 0.4415,
0.4231


 179.9568, 0.3802,
0.3814

 14.6103, 0.4593,
0.4336

220.9953, 0.3757,
0.3782

 8.5464, 0.4813,
0.4451

267.8419, 0.3719,
0.3753

 4.4465, 0.5188,
0.4653

320.8810, 0.3684,

 1.9263, 0.5395,

0.3728

0.4605

380.4968, 0.3654,
0.3705

0.5641, 0.5780,
0.4220

0.0000, 0.0000,
0.0000

66.1950, 0.4059,
0.3998

66.1950, 0.4059,
0.3998

60.5895, 0.4303,
0.4130

72.3373, 0.3826,
0.3850

55.4916, 0.4549,
0.4233

79.0252, 0.3610,
0.3695

50.8829, 0.4784,
0.4295

86.2790, 0.3414,
0.3540

46.7390, 0.4993,
0.4306

94.1148, 0.3239,
0.3390

■ 43.0305, 0.5166, 99.9977, 0.3127,
0.4262 0.3290

■ 42.0060, 0.5213,
0.4243

Harmonies

Analogous

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



66.1950, 0.4175, 0.3622



66.1950, 0.4059, 0.3998



66.1950, 0.3690, 0.4226

Triad

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



66.1950, 0.4059, 0.3998



66.1950, 0.2332, 0.3287



66.1950, 0.2996, 0.2569

Complementary

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



66.1950, 0.4059, 0.3998



47.4991, 0.2345, 0.2442

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.



66.1950, 0.2537, 0.2458



66.1950, 0.4059, 0.3998



66.1950, 0.2181, 0.2820

Square

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



66.1950, 0.4059, 0.3998



66.1950, 0.2692, 0.3812



66.1950, 0.2253, 0.2536



66.1950, 0.3532, 0.2836

Rectangle

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



66.1950, 0.4059, 0.3998



66.1950, 0.3361, 0.4229



66.1950, 0.2253, 0.2536



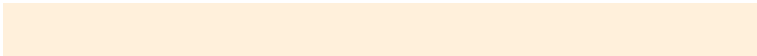
66.1950, 0.2828, 0.2513

Sweetspot

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



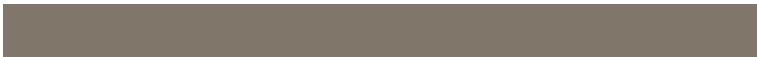
66.1982, 0.4059, 0.3998



88.6088, 0.3358, 0.3494



42.1853, 0.3845, 0.2755



18.6123, 0.3398, 0.3526



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.



66.1982, 0.4059, 0.3998



61.1555, 0.4278, 0.4117



93.0354, 0.3768, 0.4467



19.7216, 0.3280, 0.3427



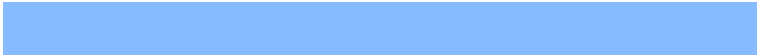
22.2536, 0.5192, 0.4260



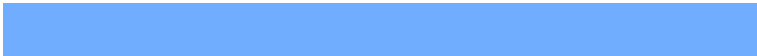
2.3834, 0.5046, 0.4375

Inverse Universe

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



47.4991, 0.2345, 0.2442



40.5233, 0.2198, 0.2245



30.4011, 0.2280, 0.1821



18.6469, 0.2979, 0.3150



9.6996, 0.1704, 0.1333



1.1555, 0.1765, 0.1554

Previews

White Background



This preview shows how the Yxy color 66.1950, 0.4059, 0.3998 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 66.1950, 0.4059, 0.3998 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 66.1950, 0.4059, 0.3998

Background



This preview shows how black text looks on a background with the Yxy color 66.1950, 0.4059, 0.3998.



This preview shows how white text looks on a background with the Yxy color 66.1950, 0.4059, 0.3998.

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

66.1950, 0.4059, 0.3998

Protanopia

66.4124, 0.3801, 0.4115

Deuteranopia

66.3098, 0.4030, 0.3959



Tritanopia

66.3013, 0.3491, 0.3168

Trichromacy



Original Color

66.1950, 0.4059, 0.3998

Protanomaly

66.4246, 0.3894, 0.4074

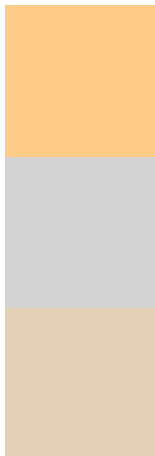
Deuteranomaly

66.2807, 0.4037, 0.3969

Tritanomaly

65.9875, 0.3703, 0.3468

Monochromacy



Original Color

66.1950, 0.4059, 0.3998

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.8615, 0.3456, 0.3571

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1950, 0.4059, 0.3998 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, 204, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 135)  
}
```

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, 204, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 135) }
```

Border

The CSS property to change the border of an element to Yxy 66.1950, 0.4059, 0.3998 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, 204, 135) }
```

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

```
.border{ border-color:rgb(255, 204, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1950, 0.4059, 0.3998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 135) }
```

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

```
.background{ background-color: rgb(255,  
204, 135) }
```

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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