

# Converting Colors

$Yxy(62.0679, 0.4042, 0.4063)$

Have a look what the booklet for  
Yxy(62.0679, 0.4042, 0.4063)  
contains.

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# Color

**Yxy(62.0740, 0.4047, 0.4066)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4C87F
RGB	244, 200, 127
RGB Percent	96%, 78%, 50%
CMY	0.0433, 0.2156, 0.5019
CMYK	0.00, 0.18, 0.48, 0.04
HSL	37°, 84%, 73%
HSV	37°, 48%, 96%
XYZ	61.7839, 62.0740, 28.8081
YIQ	204.8340, 49.6570, -13.3750

# Conversions

## Conversions Part 2

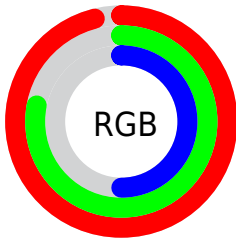
Format	Color
R <sub>Y</sub> B	198, 244, 127
Decimal	16042111
CIE Lab	82.95, 6.61, 42.21
CIE LCh	83, 42.727, 81.105
Yxy	62.0740, 0.4047, 0.4066
Android (android.graphics.Color)	4294232191 (0xFFFF4C87F)
YUV	204.8340, -38.3722, 34.3486
Hunter-Lab	78.7871, 2.1004, 33.4719

# Details

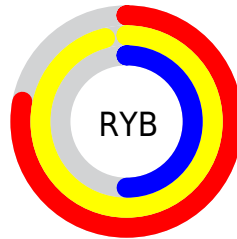
The Yxy color **62.0740, 0.4047, 0.4066** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **40.1512, 0.2318, 0.2348**, and the grayscale version is **61.1648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1162, 0.3567, 0.4018**, and **31.5187, 0.4267, 0.4225** is the 20% darker color. If you saturate the color by 10%, you get **57.3959, 0.4274, 0.4206**, and if you desaturate by 10%, it is **67.1666, 0.3826, 0.3908**.

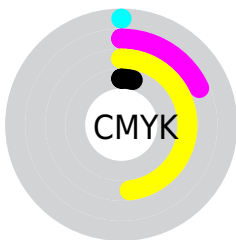
# Distribution



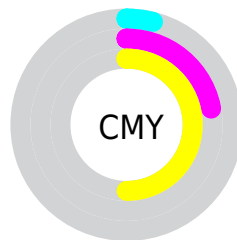
- Red (96%)
- Green (78%)
- Blue (50%)



- Red (78%)
- Yellow (96%)
- Blue (50%)



- Cyan (0%)
- Magenta (18%)
- Yellow (48%)
- Black (4%)




- Cyan (4%)
- Magenta (22%)
- Yellow (50%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 62.0740, 0.4047, 0.4066 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 62.0740, 0.4047, 0.4066 by changing the saturation by 10% instead.




 62.0740, 0.4047,  
0.4066


 62.0740, 0.4047,  
0.4066


432.2010, 0.3618,  
0.3715


 45.0925, 0.4143,  
0.4141


 107.8325, 0.3899,  
0.3948

 31.5303, 0.4259,  
0.4229


 137.3782, 0.3841,  
0.3901

 21.0030, 0.4400,  
0.4334


 171.8809, 0.3791,  
0.3860

 13.1262, 0.4574,  
0.4456

211.7248, 0.3747,  
0.3823

 7.5155, 0.4786,  
0.4590

257.2943, 0.3709,  
0.3792

 3.7865, 0.5162,  
0.4838

308.9740, 0.3675,

 1.5549, 0.5260,

0.3763

0.4740

367.1480, 0.3645,  
0.3738

0.3269, 0.5908,  
0.4092

0.0000, 0.0000,  
0.0000

62.0740, 0.4047,  
0.4066

62.0740, 0.4047,  
0.4066

57.3959, 0.4274,  
0.4206

67.1666, 0.3826,  
0.3908

53.1076, 0.4498,  
0.4317

72.6793, 0.3618,  
0.3741

49.1949, 0.4707,  
0.4385

78.6286, 0.3426,  
0.3575

45.6377, 0.4890,  
0.4403

85.0272, 0.3252,  
0.3413

■ 42.4108, 0.5038,  
0.4369

■ 91.8871, 0.3096,  
0.3259

■ 41.7793, 0.5067,  
0.4359

■ 97.9661, 0.3059,  
0.3290

# Harmonies

## Analogous

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



62.0740, 0.4212, 0.3691



62.0740, 0.4047, 0.4066



62.0740, 0.3636, 0.4271

# Triad

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



62.0740, 0.4047, 0.4066



62.0740, 0.2270, 0.3206



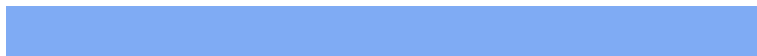
62.0740, 0.3070, 0.2579

# Complementary

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



62.0740, 0.4047, 0.4066



40.1512, 0.2318, 0.2348

# 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.



62.0740, 0.2577, 0.2438



62.0740, 0.4047, 0.4066



62.0740, 0.2149, 0.2747

# Square

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



62.0740, 0.4047, 0.4066



62.0740, 0.2611, 0.3756



62.0740, 0.2256, 0.2487



62.0740, 0.3623, 0.2872



# Rectangle

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



62.0740, 0.4047, 0.4066



62.0740, 0.3288, 0.4244



62.0740, 0.2256, 0.2487



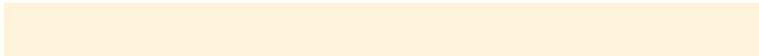
62.0740, 0.2892, 0.2513

# Sweetspot

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



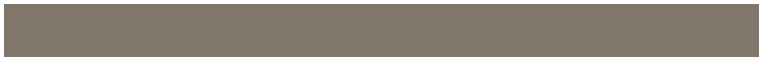
62.0770, 0.4047, 0.4066



89.6487, 0.3356, 0.3511



37.3812, 0.3930, 0.2808



18.8661, 0.3394, 0.3546



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.



62.0770, 0.4047, 0.4066



63.3685, 0.4279, 0.4209



83.0860, 0.3735, 0.4504



18.2062, 0.3278, 0.3437



22.9967, 0.5049, 0.4373



2.2184, 0.4913, 0.4481

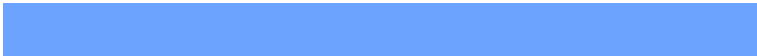


# Inverse Universe

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



40.1512, 0.2318, 0.2348



36.4295, 0.2145, 0.2102



27.3447, 0.2305, 0.1809



16.9469, 0.2980, 0.3138



7.9246, 0.1665, 0.1192



0.8874, 0.1734, 0.1440



# Previews

## White Background



This preview shows how the Yxy color 62.0740, 0.4047, 0.4066 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

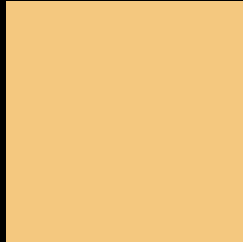
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 62.0740, 0.4047, 0.4066 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 62.0740, 0.4047, 0.4066**

## **Background**



This preview shows how black text looks on a background with the Yxy color 62.0740, 0.4047, 0.4066.



This preview shows how white text looks on a background with the Yxy color 62.0740, 0.4047, 0.4066.

# 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

62.0740, 0.4047, 0.4066

### Protanopia

62.2449, 0.3833, 0.4157

### Deuteranopia

61.8150, 0.4106, 0.4011



## Tritanopia

61.7439, 0.3514, 0.3134

# Trichromacy



## Original Color

62.0740, 0.4047, 0.4066

## Protanomaly

61.9265, 0.3912, 0.4118

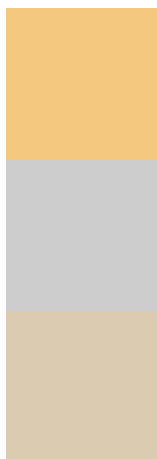
## Deuteranomaly

61.9031, 0.4084, 0.4026

## Tritanomaly

61.7144, 0.3711, 0.3473

# Monochromacy



## Original Color

62.0740, 0.4047, 0.4066

## Achromatopsia

61.0496, 0.3127, 0.3290

## Achromatomaly

60.9463, 0.3447, 0.3591

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 62.0740, 0.4047, 0.4066 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(244, 200, 127)` looks like.

```
.text, #text, p{  
    color:rgb(244, 200, 127)  
}
```

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(244, 200, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 200, 127) }
```

## Border

The CSS property to change the border of an element to Yxy 62.0740, 0.4047, 0.4066 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(244, 200, 127) }
```

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

```
.border{ border-color:rgb(244, 200, 127) }
```

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

Here you see how a box with a 4 pixel rgb(244, 200, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 200, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 200, 127);  
box-shadow:4px 4px 4px 4px rgb(244, 200,  
127) }
```



# Background

The CSS property to change the background color of an element to Yxy 62.0740, 0.4047, 0.4066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 200, 127) }
```

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

```
.background{ background-color: rgb(244,  
200, 127) }
```

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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