

Converting Colors

$Yxy(66.0071, 0.4221, 0.4042)$

Have a look what the booklet for
Yxy(66.0071, 0.4221, 0.4042)
contains.

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Color

Yxy(64.5140, 0.4147, 0.4064)

Conversions

Conversions Part 1

Format	Color
Hex	FFC97D
RGB	255, 201, 125
RGB Percent	100%, 79%, 49%
CMY	0.0000, 0.2118, 0.5096
CMYK	0.00, 0.21, 0.51, 0.00
HSL	35°, 100%, 75%
HSV	35°, 51%, 100%
XYZ	65.8316, 64.5140, 28.3995
YIQ	208.4820, 56.5800, -12.1880

Conversions

Conversions Part 2

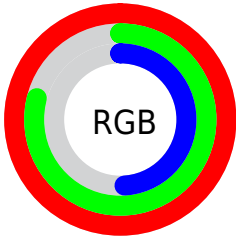
Format	Color
R_{YB}	217, 255, 125
Decimal	16763261
CIE _{Lab}	84.23, 10.35, 45.03
CIE _{LCh}	84, 46.204, 77.056
Yxy	64.5140, 0.4147, 0.4064
Android (android.graphics.Color)	4294953341 (0xFFFFC97D)
YUV	208.4820, -41.1566, 40.7963
Hunter-Lab	80.3206, 5.7393, 35.2609

Details

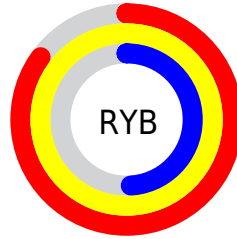
The Yxy color **64.5140, 0.4147, 0.4064** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **43.8410, 0.2277, 0.2341**, and the grayscale version is **63.6546, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0347, 0.3579, 0.4037**, and **33.0976, 0.4382, 0.4212** is the 20% darker color. If you saturate the color by 10%, you get **59.1750, 0.4390, 0.4188**, and if you desaturate by 10%, it is **70.3661, 0.3911, 0.3919**.

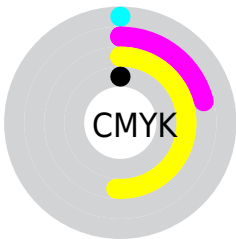
Distribution



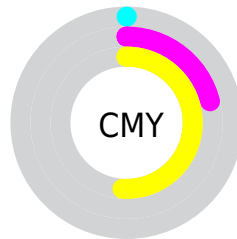
- Red (100%)
- Green (79%)
- Blue (49%)



- Red (85%)
- Yellow (100%)
- Blue (49%)



- Cyan (0%)
- Magenta (21%)
- Yellow (51%)
- Black (0%)





- Cyan (0%)
- Magenta (21%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.5140, 0.4147, 0.4064 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 64.5140, 0.4147, 0.4064 by changing the saturation by 10% instead.


 64.5140, 0.4147,
0.4064

 64.5140, 0.4147,
0.4064


441.0434, 0.3674,
0.3723

 47.0671, 0.4251,
0.4134


 111.3509, 0.3985,
0.3951

 33.0887, 0.4377,
0.4215


 141.5096, 0.3921,
0.3906

 22.1944, 0.4529,
0.4308


 176.6744, 0.3866,
0.3866

 13.9998, 0.4715,
0.4412

217.2297, 0.3818,
0.3830

 8.1205, 0.4939,
0.4517

263.5599, 0.3776,
0.3799

 4.1722, 0.5307,
0.4693

316.0493, 0.3738,

 1.7703, 0.5445,

0.3771

0.4555

375.0823, 0.3704,
0.3746

0.4686, 0.5983,
0.4017

0.0000, 0.0000,
0.0000

64.5140, 0.4147,
0.4064

64.5140, 0.4147,
0.4064

59.1750, 0.4390,
0.4188

70.3661, 0.3911,
0.3919

54.3216, 0.4628,
0.4279

76.7420, 0.3690,
0.3763

49.9344, 0.4850,
0.4324

83.6615, 0.3487,
0.3605

45.9881, 0.5041,
0.4315

91.1404, 0.3305,
0.3451

■ 42.7691, 0.5185,
0.4265

99.1941, 0.3142,
0.3304

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



64.5140, 0.4283, 0.3649



64.5140, 0.4147, 0.4064



64.5140, 0.3735, 0.4324

Triad

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



64.5140, 0.4147, 0.4064



64.5140, 0.2252, 0.3275



64.5140, 0.2986, 0.2506

Complementary

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



64.5140, 0.4147, 0.4064



43.8410, 0.2277, 0.2341

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.



64.5140, 0.2484, 0.2382



64.5140, 0.4147, 0.4064



64.5140, 0.2093, 0.2763

Square

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



64.5140, 0.4147, 0.4064



64.5140, 0.2640, 0.3864



64.5140, 0.2174, 0.2460



64.5140, 0.3579, 0.2796

Rectangle

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



64.5140, 0.4147, 0.4064



64.5140, 0.3372, 0.4332



64.5140, 0.2174, 0.2460



64.5140, 0.2802, 0.2444

Sweetspot

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



64.5165, 0.4147, 0.4064



88.0523, 0.3376, 0.3512



39.2014, 0.3960, 0.2736



18.5096, 0.3414, 0.3545



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.



64.5165, 0.4147, 0.4064



59.1558, 0.4390, 0.4189



92.2655, 0.3798, 0.4561



19.7514, 0.3280, 0.3429



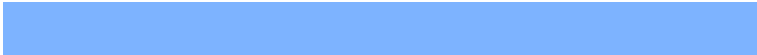
22.6495, 0.5164, 0.4282



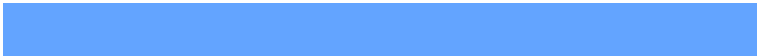
2.4211, 0.5023, 0.4394

Inverse Universe

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



43.8410, 0.2277, 0.2341



36.4786, 0.2115, 0.2112



27.1228, 0.2212, 0.1689



18.6177, 0.2979, 0.3147



9.4321, 0.1696, 0.1305



1.1280, 0.1757, 0.1527

Previews

White Background



This preview shows how the Yxy color 64.5140, 0.4147, 0.4064 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 64.5140, 0.4147, 0.4064 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 64.5140, 0.4147, 0.4064

Background



This preview shows how black text looks on a background with the Yxy color 64.5140, 0.4147, 0.4064.



This preview shows how white text looks on a background with the Yxy color 64.5140, 0.4147, 0.4064.

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

64.5140, 0.4147, 0.4064

Protanopia

64.5012, 0.3867, 0.4182

Deuteranopia

64.5396, 0.4140, 0.4055



Tritanopia

64.3486, 0.3523, 0.3157

Trichromacy



Original Color

64.5140, 0.4147, 0.4064

Protanomaly

64.5349, 0.3963, 0.4138

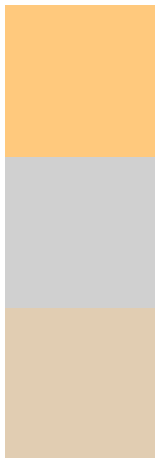
Deuteranomaly

64.5396, 0.4140, 0.4055

Tritanomaly

64.3668, 0.3760, 0.3500

Monochromacy



Original Color

64.5140, 0.4147, 0.4064

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.8845, 0.3484, 0.3596

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.5140, 0.4147, 0.4064 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, 201, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 125)  
}
```

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, 201, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 125) }
```

Border

The CSS property to change the border of an element to Yxy 64.5140, 0.4147, 0.4064 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, 201, 125) }
```

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

```
.border{ border-color:rgb(255, 201, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 64.5140, 0.4147, 0.4064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 125) }
```

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

```
.background{ background-color: rgb(255,  
201, 125) }
```

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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