

Converting Colors

Yxy(63.8087, 0.4139, 0.4025)

Have a look what the booklet for
Yxy(63.8087, 0.4139, 0.4025)
contains.

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Color

Yxy(63.6392, 0.4144, 0.4027)

Conversions

Conversions Part 1

Format	Color
Hex	FFC77F
RGB	255, 199, 127
RGB Percent	100%, 78%, 50%
CMY	0.0001, 0.2195, 0.5020
CMYK	0.00, 0.22, 0.50, 0.00
HSL	34°, 100%, 75%
HSV	34°, 50%, 100%
XYZ	65.4882, 63.6392, 28.9039
YIQ	207.5360, 56.4880, -10.5200

Conversions

Conversions Part 2

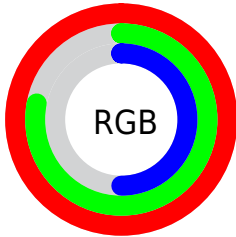
Format	Color
R _Y B	227, 255, 127
Decimal	16762751
CIE Lab	83.78, 11.54, 43.49
CIE LCh	84, 44.998, 75.140
Yxy	63.6392, 0.4144, 0.4027
Android (android.graphics.Color)	4294952831 (0xFFFFC77F)
YUV	207.5360, -39.7042, 41.6259
Hunter-Lab	79.7742, 6.9293, 34.3599

Details

The Yxy color **63.6392, 0.4144, 0.4027** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.5751, 0.2296, 0.2394**, and the grayscale version is **62.9950, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1162, 0.3567, 0.4018**, and **32.5084, 0.4383, 0.4167** is the 20% darker color. If you saturate the color by 10%, you get **58.1151, 0.4395, 0.4149**, and if you desaturate by 10%, it is **69.7135, 0.3903, 0.3886**.

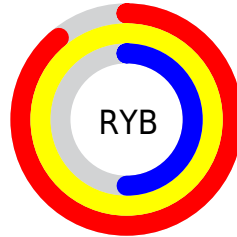
Distribution



Red (100%)

Green (78%)

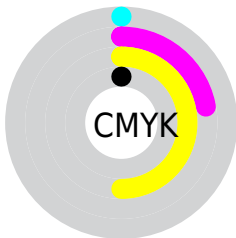
Blue (50%)



Red (89%)

Yellow (100%)

Blue (50%)

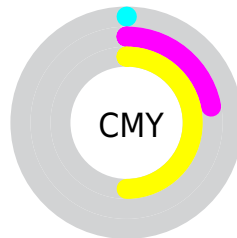


Cyan (0%)

Magenta (22%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.6392, 0.4144, 0.4027 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 63.6392, 0.4144, 0.4027 by changing the saturation by 10% instead.


 63.6392, 0.4144,
0.4027


 63.6392, 0.4144,
0.4027


437.8856, 0.3670,
0.3702


 46.3585, 0.4249,
0.4094


 110.0912, 0.3981,
0.3920

 32.5288, 0.4377,
0.4171


 140.0312, 0.3917,
0.3876

 21.7657, 0.4533,
0.4260


 174.9599, 0.3862,
0.3838

 13.6849, 0.4725,
0.4359

215.2615, 0.3813,
0.3804

 7.9018, 0.4959,
0.4459

261.3205, 0.3771,
0.3775

 4.0322, 0.5361,
0.4639

313.5212, 0.3733,

 1.6916, 0.5517,

0.3748

0.4483

372.2481, 0.3700,
0.3724

0.4182, 0.6189,
0.3811

0.0000, 0.0000,
0.0000

63.6392, 0.4144,
0.4027

63.6392, 0.4144,
0.4027

58.1151, 0.4395,
0.4149

69.7135, 0.3903,
0.3886

53.1111, 0.4644,
0.4238

76.3482, 0.3679,
0.3735

48.6071, 0.4878,
0.4282

83.5645, 0.3475,
0.3582

44.5769, 0.5083,
0.4272

91.3793, 0.3292,
0.3434

■ 41.0500, 0.5249,
0.4214

99.8089, 0.3130,
0.3293

99.9964, 0.3127,
0.3290

Harmonies

Analogous

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



63.6392, 0.4256, 0.3616



63.6392, 0.4144, 0.4027



63.6392, 0.3755, 0.4293

Triad

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



63.6392, 0.4144, 0.4027



63.6392, 0.2288, 0.3313



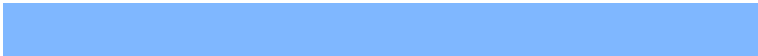
63.6392, 0.2954, 0.2508

Complementary

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



63.6392, 0.4144, 0.4027



45.5751, 0.2296, 0.2394

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.



63.6392, 0.2471, 0.2398



63.6392, 0.4144, 0.4027



63.6392, 0.2116, 0.2802

Square

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



63.6392, 0.4144, 0.4027



63.6392, 0.2681, 0.3884



63.6392, 0.2181, 0.2489



63.6392, 0.3533, 0.2784

Rectangle

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



63.6392, 0.4144, 0.4027



63.6392, 0.3404, 0.4314



63.6392, 0.2181, 0.2489



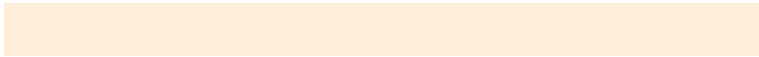
63.6392, 0.2776, 0.2451

Sweetspot

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



63.6423, 0.4144, 0.4027



87.5665, 0.3377, 0.3504



39.9158, 0.3893, 0.2701



18.3925, 0.3416, 0.3536



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.



63.6423, 0.4144, 0.4027



58.2297, 0.4389, 0.4146



93.1028, 0.3820, 0.4530



19.6833, 0.3280, 0.3424



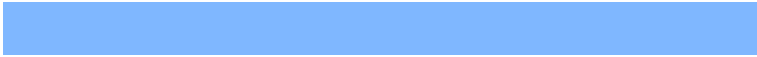
21.7557, 0.5227, 0.4232



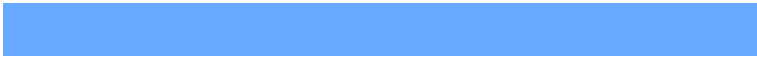
2.3359, 0.5076, 0.4351

Inverse Universe

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



45.5751, 0.2296, 0.2394



38.3825, 0.2141, 0.2179



27.4107, 0.2200, 0.1705



18.6845, 0.2979, 0.3153



10.0547, 0.1714, 0.1371



1.1919, 0.1775, 0.1590

Previews

White Background



This preview shows how the Yxy color 63.6392, 0.4144, 0.4027 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 63.6392, 0.4144, 0.4027 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 63.6392, 0.4144, 0.4027

Background



This preview shows how black text looks on a background with the Yxy color 63.6392, 0.4144, 0.4027.



This preview shows how white text looks on a background with the Yxy color 63.6392, 0.4144, 0.4027.

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

63.6392, 0.4144, 0.4027

Protanopia

63.7336, 0.3842, 0.4158

Deuteranopia

63.7235, 0.4122, 0.4042



Tritanopia

63.8077, 0.3541, 0.3167

Trichromacy



Original Color

63.6392, 0.4144, 0.4027

Protanomaly

63.4515, 0.3950, 0.4101

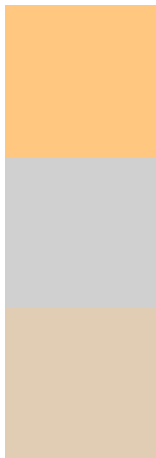
Deuteranomaly

63.9117, 0.4130, 0.4039

Tritanomaly

63.4645, 0.3766, 0.3480

Monochromacy



Original Color

63.6392, 0.4144, 0.4027

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.9249, 0.3476, 0.3585

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6392, 0.4144, 0.4027 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, 199, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 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(255, 199, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 127) }
```

Border

The CSS property to change the border of an element to Yxy 63.6392, 0.4144, 0.4027 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, 199, 127) }
```

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

```
.border{ border-color:rgb(255, 199, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 127);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6392, 0.4144, 0.4027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 127) }
```

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

```
.background{ background-color: rgb(255,  
199, 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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