

Converting Colors

Yxy(67.8481, 0.4248, 0.3935)

Have a look what the booklet for
Yxy(67.8481, 0.4248, 0.3935)
contains.

Yxy(64.2620, 0.4095, 0.3979)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(64.2620, 0.4095, 0.3979)

Conversions

Conversions Part 1

Format	Color
Hex	FFC885
RGB	255, 200, 133
RGB Percent	100%, 78%, 52%
CMY	0.0000, 0.2157, 0.4785
CMYK	0.00, 0.22, 0.48, 0.00
HSL	33°, 100%, 76%
HSV	33°, 48%, 100%
XYZ	66.1354, 64.2620, 31.1055
YIQ	208.8070, 54.2870, -9.1770

Conversions

Conversions Part 2

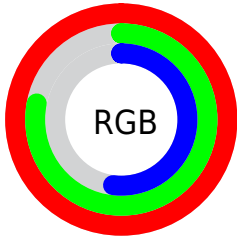
Format	Color
RYB	233, 255, 133
Decimal	16763013
CIELab	84.10, 11.59, 40.87
CIELCh	84, 42.481, 74.164
Yxy	64.2620, 0.4095, 0.3979
Android (android.graphics.Color)	4294953093 (0xFFFFC885)
YUV	208.8070, -37.3729, 40.5113
Hunter-Lab	80.1636, 6.9773, 33.1085

Details

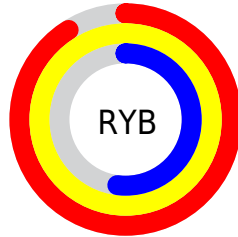
The Yxy color **64.2620, 0.4095, 0.3979** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.1720, 0.2339, 0.2466**, and the grayscale version is **63.8465, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3679, 0.3532, 0.3959**, and **32.9027, 0.4322, 0.4114** is the 20% darker color. If you saturate the color by 10%, you get **58.5119, 0.4349, 0.4103**, and if you desaturate by 10%, it is **70.5788, 0.3854, 0.3838**.

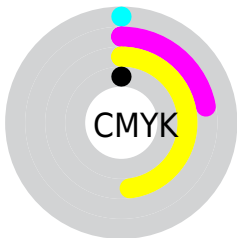
Distribution



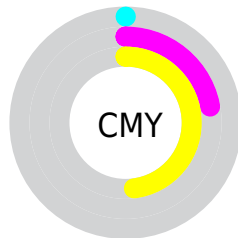
- Red (100%)
- Green (78%)
- Blue (52%)



- Red (91%)
- Yellow (100%)
- Blue (52%)



- Cyan (0%)
- Magenta (22%)
- Yellow (48%)
- Black (0%)





- Cyan (0%)
- Magenta (22%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.2620, 0.4095, 0.3979 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 64.2620, 0.4095, 0.3979 by changing the saturation by 10% instead.


 64.2620, 0.4095,
0.3979


 64.2620, 0.4095,
0.3979


440.1352, 0.3643,
0.3674


 46.8629, 0.4196,
0.4042


 110.9882, 0.3939,
0.3878

 32.9273, 0.4320,
0.4116


 141.0840, 0.3878,
0.3837

 22.0708, 0.4471,
0.4202


 176.1810, 0.3825,
0.3801

 13.9089, 0.4660,
0.4300

216.6633, 0.3779,
0.3770

 8.0573, 0.4896,
0.4403

262.9155, 0.3739,
0.3742

 4.1317, 0.5330,
0.4616

315.3220, 0.3703,

 1.7475, 0.5513,

0.3717

0.4487

374.2671, 0.3671,
0.3695

0.4541, 0.6114,
0.3886

0.0000, 0.0000,
0.0000

64.2620, 0.4095,
0.3979

64.2620, 0.4095,
0.3979

58.5119, 0.4349,
0.4103

70.5788, 0.3854,
0.3838

53.3144, 0.4606,
0.4198

77.4893, 0.3631,
0.3689

48.6436, 0.4851,
0.4251

85.0097, 0.3431,
0.3541

44.4733, 0.5071,
0.4252

93.1575, 0.3252,
0.3397

■ 40.7712, 0.5253, 100.0000, 0.3127,
0.4198 0.3290

■ 40.0268, 0.5289,
0.4182

Harmonies

Analogous

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



64.2620, 0.4187, 0.3590



64.2620, 0.4095, 0.3979



64.2620, 0.3737, 0.4230

Triad

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



64.2620, 0.4095, 0.3979



64.2620, 0.2344, 0.3332



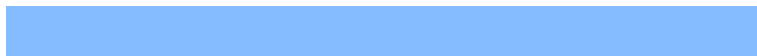
64.2620, 0.2949, 0.2542

Complementary

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



64.2620, 0.4095, 0.3979



48.1720, 0.2339, 0.2466

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.



64.2620, 0.2496, 0.2445



64.2620, 0.4095, 0.3979



64.2620, 0.2172, 0.2846

Square

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



64.2620, 0.4095, 0.3979



64.2620, 0.2724, 0.3862



64.2620, 0.2225, 0.2541



64.2620, 0.3493, 0.2801

Rectangle

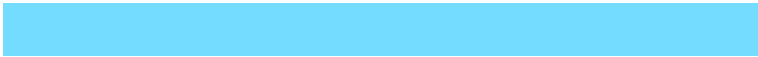
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.2620, 0.4095, 0.3979



64.2620, 0.3408, 0.4253



64.2620, 0.2225, 0.2541



64.2620, 0.2782, 0.2490

Sweetspot

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



64.2596, 0.4095, 0.3979



88.0677, 0.3360, 0.3485



41.7481, 0.3818, 0.2706



18.4804, 0.3399, 0.3516



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.



64.2596, 0.4095, 0.3979



58.9763, 0.4327, 0.4094



93.7101, 0.3806, 0.4472



19.6408, 0.3280, 0.3421



21.2175, 0.5266, 0.4200



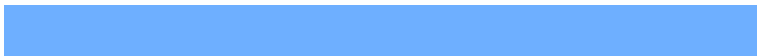
2.2842, 0.5110, 0.4324

Inverse Universe

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



48.1720, 0.2339, 0.2466



41.2423, 0.2193, 0.2272



29.3169, 0.2236, 0.1783



18.7264, 0.2979, 0.3156



10.4638, 0.1726, 0.1414



1.2334, 0.1786, 0.1630

Previews

White Background



This preview shows how the Yxy color 64.2620, 0.4095, 0.3979 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 64.2620, 0.4095, 0.3979 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 64.2620, 0.4095, 0.3979

Background



This preview shows how black text looks on a background with the Yxy color 64.2620, 0.4095, 0.3979.



This preview shows how white text looks on a background with the Yxy color 64.2620, 0.4095, 0.3979.

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

64.2620, 0.4095, 0.3979

Protanopia

64.3933, 0.3796, 0.4104

Deuteranopia

64.3494, 0.4073, 0.3994



Tritanopia

64.2998, 0.3531, 0.3168

Trichromacy



Original Color

64.2620, 0.4095, 0.3979

Protanomaly

64.0973, 0.3903, 0.4050

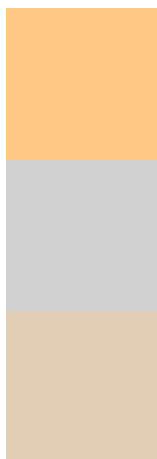
Deuteranomaly

64.5376, 0.4081, 0.3991

Tritanomaly

63.9945, 0.3747, 0.3469

Monochromacy



Original Color

64.2620, 0.4095, 0.3979

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.6476, 0.3467, 0.3572

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2620, 0.4095, 0.3979 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, 200, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 133)  
}
```

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, 200, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 133) }
```

Border

The CSS property to change the border of an element to Yxy 64.2620, 0.4095, 0.3979 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, 200, 133) }
```

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

```
.border{ border-color:rgb(255, 200, 133) }
```

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

Here you see how a box with a 4 pixel rgb(255, 200, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2620, 0.4095, 0.3979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 133) }
```

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

```
.background{ background-color: rgb(255,  
200, 133) }
```

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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