

Converting Colors

$Yxy(64.9731, 0.4241, 0.4023)$

Have a look what the booklet for
Yxy(64.9731, 0.4241, 0.4023)
contains.

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Color

Yxy(63.1034, 0.4171, 0.4045)

Conversions

Conversions Part 1

Format	Color
Hex	FFC67C
RGB	255, 198, 124
RGB Percent	100%, 78%, 49%
CMY	0.0001, 0.2235, 0.5136
CMYK	0.00, 0.22, 0.51, 0.00
HSL	34°, 100%, 74%
HSV	34°, 51%, 100%
XYZ	65.0690, 63.1034, 27.8310
YIQ	206.6070, 57.7260, -10.9300

Conversions

Conversions Part 2

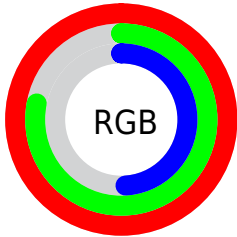
Format	Color
R _Y B	225, 255, 124
Decimal	16762492
CIE Lab	83.50, 11.81, 44.62
CIE LCh	83, 46.155, 75.179
Yxy	63.1034, 0.4171, 0.4045
Android (android.graphics.Color)	4294952572 (0xFFFFC67C)
YUV	206.6070, -40.7253, 42.4407
Hunter-Lab	79.4376, 7.1972, 34.8341

Details

The Yxy color **63.1034, 0.4171, 0.4045** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.5571, 0.2277, 0.2365**, and the grayscale version is **62.3729, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9944, 0.3585, 0.4047**, and **32.1633, 0.4418, 0.4186** is the 20% darker color. If you saturate the color by 10%, you get **57.6548, 0.4421, 0.4164**, and if you desaturate by 10%, it is **69.0963, 0.3929, 0.3905**.

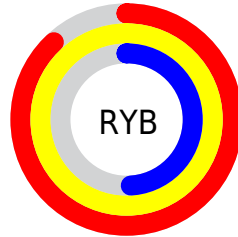
Distribution



Red (100%)

Green (78%)

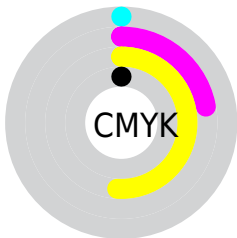
Blue (49%)



Red (88%)

Yellow (100%)

Blue (49%)

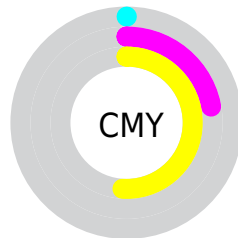


Cyan (0%)

Magenta (22%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (22%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.1034, 0.4171, 0.4045 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 63.1034, 0.4171, 0.4045 by changing the saturation by 10% instead.


 63.1034, 0.4171,
0.4045

 63.1034, 0.4171,
0.4045

435.9446, 0.3684,
0.3713

 45.9249, 0.4279,
0.4113


 109.3187, 0.4004,
0.3936

 32.1865, 0.4409,
0.4191

 139.1242, 0.3938,
0.3891

 21.5040, 0.4568,
0.4280


 173.9075, 0.3881,
0.3852

 13.4929, 0.4762,
0.4378

214.0530, 0.3832,
0.3818

 7.7688, 0.4998,
0.4474

259.9451, 0.3788,
0.3787

 3.9474, 0.5375,
0.4625

311.9681, 0.3750,

 1.6442, 0.5537,

0.3760

0.4463

370.5065, 0.3715,
0.3735

0.3871, 0.6289,
0.3711

0.0000, 0.0000,
0.0000

63.1034, 0.4171,
0.4045

63.1034, 0.4171,
0.4045

57.6548, 0.4421,
0.4164

69.0963, 0.3929,
0.3905

52.7204, 0.4669,
0.4249

75.6439, 0.3703,
0.3754

48.2799, 0.4899,
0.4288

82.7672, 0.3497,
0.3601

44.3067, 0.5098,
0.4272

90.4833, 0.3312,
0.3451

41.2176, 0.5243,
0.4219

98.8083, 0.3148,
0.3309

99.9965, 0.3127,
0.3290

Harmonies

Analogous

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



63.1034, 0.4288, 0.3623



63.1034, 0.4171, 0.4045



63.1034, 0.3770, 0.4321

Triad

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



63.1034, 0.4171, 0.4045



63.1034, 0.2265, 0.3312



63.1034, 0.2949, 0.2489

Complementary

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



63.1034, 0.4171, 0.4045



44.5571, 0.2277, 0.2365

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.



63.1034, 0.2454, 0.2376



63.1034, 0.4171, 0.4045



63.1034, 0.2090, 0.2786

Square

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



63.1034, 0.4171, 0.4045



63.1034, 0.2667, 0.3902



63.1034, 0.2157, 0.2467



63.1034, 0.3545, 0.2771

Rectangle

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



63.1034, 0.4171, 0.4045



63.1034, 0.3409, 0.4345



63.1034, 0.2157, 0.2467



63.1034, 0.2766, 0.2430

Sweetspot

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



63.1064, 0.4171, 0.4045



87.6149, 0.3377, 0.3505



39.0985, 0.3919, 0.2689



18.4042, 0.3416, 0.3537



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.



63.1064, 0.4171, 0.4045



57.3301, 0.4437, 0.4171



93.0004, 0.3833, 0.4555



19.6901, 0.3280, 0.3424



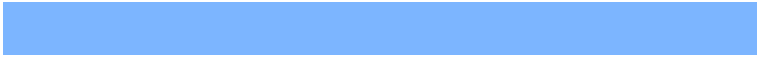
21.8432, 0.5221, 0.4237



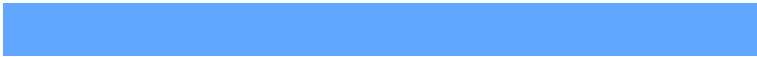
2.3443, 0.5071, 0.4355

Inverse Universe

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



44.5571, 0.2277, 0.2365



36.9135, 0.2109, 0.2130



26.4356, 0.2175, 0.1664



18.6778, 0.2979, 0.3152



9.9907, 0.1712, 0.1364



1.1853, 0.1773, 0.1584

Previews

White Background



This preview shows how the Yxy color 63.1034, 0.4171, 0.4045 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 63.1034, 0.4171, 0.4045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

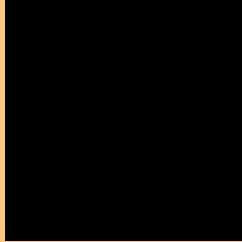
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.1034, 0.4171, 0.4045

Background



This preview shows how black text looks on a background with the Yxy color 63.1034, 0.4171, 0.4045.



This preview shows how white text looks on a background with the Yxy color 63.1034, 0.4171, 0.4045.

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

63.1034, 0.4171, 0.4045

Protanopia

63.1642, 0.3867, 0.4179

Deuteranopia

63.1847, 0.4149, 0.4060



Tritanopia

62.8812, 0.3553, 0.3157

Trichromacy



Original Color

63.1034, 0.4171, 0.4045

Protanomaly

62.8952, 0.3977, 0.4122

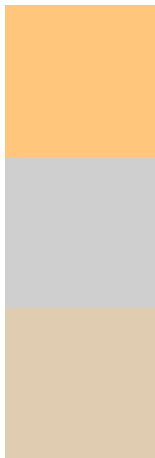
Deuteranomaly

63.3729, 0.4158, 0.4058

Tritanomaly

62.9387, 0.3786, 0.3490

Monochromacy



Original Color

63.1034, 0.4171, 0.4045

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.2073, 0.3486, 0.3598

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1034, 0.4171, 0.4045 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, 198, 124)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 124)  
}
```

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, 198, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 124) }
```

Border

The CSS property to change the border of an element to Yxy 63.1034, 0.4171, 0.4045 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, 198, 124) }
```

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

```
.border{ border-color:rgb(255, 198, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 198, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 124);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1034, 0.4171, 0.4045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 124) }
```

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

```
.background{ background-color: rgb(255,  
198, 124) }
```

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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