

Converting Colors

$Yxy(63.6911, 0.3968, 0.3831)$

Have a look what the booklet for
Yxy(63.6911, 0.3968, 0.3831)
contains.

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Color

Yxy(63.6489, 0.3968, 0.3837)

Conversions

Conversions Part 1

Format	Color
Hex	FCC793
RGB	252, 199, 147
RGB Percent	99%, 78%, 58%
CMY	0.0119, 0.2195, 0.4236
CMYK	0.00, 0.21, 0.42, 0.01
HSL	30°, 95%, 78%
HSV	30°, 42%, 99%
XYZ	65.8220, 63.6489, 36.4111
YIQ	208.9190, 48.2800, -4.9360

Conversions

Conversions Part 2

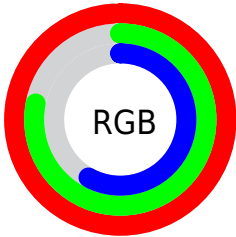
Format	Color
R _Y B	252, 250, 147
Decimal	16566163
CIE Lab	83.78, 12.27, 33.22
CIE LCh	84, 35.411, 69.731
Yxy	63.6489, 0.3968, 0.3837
Android (android.graphics.Color)	4294756243 (0xFFFC793)
YUV	208.9190, -30.5261, 37.7820
Hunter-Lab	79.7803, 7.6543, 28.7867

Details

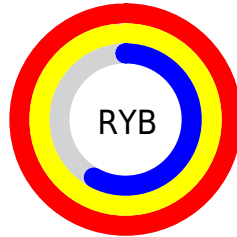
The Yxy color $63.6489, 0.3968, 0.3837$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $54.4946, 0.2454, 0.2663$, and the grayscale version is $63.8832, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.9970, 0.3448, 0.3820$, and $32.4328, 0.4165, 0.3946$ is the 20% darker color. If you saturate the color by 10%, you get $57.3405, 0.4231, 0.3961$, and if you desaturate by 10%, it is $70.6247, 0.3727, 0.3703$.

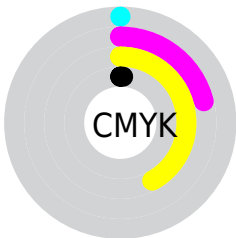
Distribution



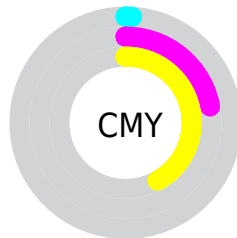
- Red (99%)
- Green (78%)
- Blue (58%)



- Red (99%)
- Yellow (98%)
- Blue (58%)



- Cyan (0%)
- Magenta (21%)
- Yellow (42%)
- Black (1%)





- Cyan (1%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.6489, 0.3968, 0.3837 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 63.6489, 0.3968, 0.3837 by changing the saturation by 10% instead.


 63.6489, 0.3968,
0.3837

 63.6489, 0.3968,
0.3837


437.9207, 0.3570,
0.3592

 46.3664, 0.4059,
0.3889


 110.1051, 0.3829,
0.3755

 32.5350, 0.4172,
0.3951


 140.0476, 0.3776,
0.3722

 21.7705, 0.4313,
0.4025


174.9789, 0.3729,
0.3693

 13.6884, 0.4494,
0.4112

215.2833, 0.3689,
0.3668

 7.9042, 0.4731,
0.4213

261.3453, 0.3654,
0.3646

 4.0337, 0.5075,
0.4340

313.5493, 0.3623,

 1.6924, 0.5555,

0.3626

0.4445

372.2796, 0.3595,
0.3608

0.4188, 0.6249,
0.3751

0.0000, 0.0000,
0.0000

63.6489, 0.3968,
0.3837

63.6489, 0.3968,
0.3837

57.3405, 0.4231,
0.3961

70.6247, 0.3727,
0.3703

51.6671, 0.4509,
0.4063

78.2806, 0.3511,
0.3568

46.6066, 0.4788,
0.4132

86.6403, 0.3320,
0.3436

42.1315, 0.5053,
0.4154

95.7234, 0.3153,
0.3310

■ 38.2105, 0.5285,
0.4121

99.4275, 0.3108,
0.3290

■ 35.3331, 0.5448,
0.4056

Harmonies

Analogous

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



63.6489, 0.4001, 0.3502



63.6489, 0.3968, 0.3837



63.6489, 0.3700, 0.4060

Triad

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



63.6489, 0.3968, 0.3837



63.6489, 0.2505, 0.3397



63.6489, 0.2917, 0.2631

Complementary

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



63.6489, 0.3968, 0.3837



54.4946, 0.2454, 0.2663

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.



63.6489, 0.2550, 0.2574



63.6489, 0.3968, 0.3837



63.6489, 0.2326, 0.2977

Square

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



63.6489, 0.3968, 0.3837



63.6489, 0.2852, 0.3818



63.6489, 0.2342, 0.2688



63.6489, 0.3369, 0.2835

Rectangle

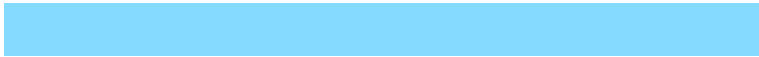
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.6489, 0.3968, 0.3837



63.6489, 0.3435, 0.4095



63.6489, 0.2342, 0.2688



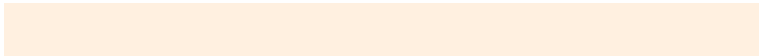
63.6489, 0.2780, 0.2594

Sweetspot

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



63.6519, 0.3968, 0.3837



88.7313, 0.3326, 0.3440



45.7760, 0.3641, 0.2726



18.7435, 0.3350, 0.3457



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.



63.6519, 0.3968, 0.3837



59.9413, 0.4187, 0.3942



91.2937, 0.3758, 0.4307



18.6467, 0.3281, 0.3408



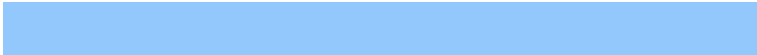
18.7066, 0.5422, 0.4077



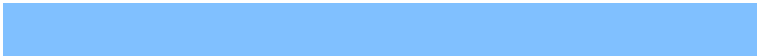
1.9444, 0.5236, 0.4225

Inverse Universe

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



54.4946, 0.2454, 0.2663



49.3770, 0.2321, 0.2509



34.6362, 0.2349, 0.2019



18.0895, 0.2980, 0.3169



11.8720, 0.1775, 0.1589



1.3117, 0.1835, 0.1804

Previews

White Background



This preview shows how the Yxy color 63.6489, 0.3968, 0.3837 looks on a white background.

Color Contrast Check

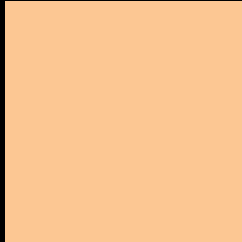
Large Text (above 18pt) WCAG AA × Fail

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 63.6489, 0.3968, 0.3837 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 63.6489, 0.3968, 0.3837

Background



This preview shows how black text looks on a background with the Yxy color 63.6489, 0.3968, 0.3837.



This preview shows how white text looks on a background with the Yxy color 63.6489, 0.3968, 0.3837.

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

63.6489, 0.3968, 0.3837

Protanopia

63.8428, 0.3675, 0.3947

Deuteranopia

63.5549, 0.3939, 0.3852



Tritanopia

63.4155, 0.3535, 0.3147

Trichromacy



Original Color

63.6489, 0.3968, 0.3837

Protanomaly

63.5268, 0.3779, 0.3898

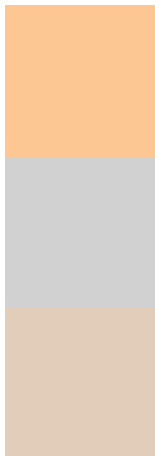
Deuteranomaly

63.7391, 0.3947, 0.3850

Tritanomaly

63.6038, 0.3692, 0.3396

Monochromacy



Original Color

63.6489, 0.3968, 0.3837

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.2154, 0.3423, 0.3505

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6489, 0.3968, 0.3837 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(252, 199, 147)` looks like.

```
.text, #text, p{  
    color:rgb(252, 199, 147)  
}
```

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(252, 199, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 199, 147) }
```

Border

The CSS property to change the border of an element to Yxy 63.6489, 0.3968, 0.3837 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(252, 199, 147) }
```

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

```
.border{ border-color:rgb(252, 199, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 199, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 199, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 199, 147); box-shadow:4px 4px 4px 4px rgb(252, 199, 147) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6489, 0.3968, 0.3837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 199, 147) }
```

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

```
.background{ background-color: rgb(252,  
199, 147) }
```

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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