

Converting Colors

$Yxy(63.2858, 0.4109, 0.3963)$

Have a look what the booklet for
Yxy(63.2858, 0.4109, 0.3963)
contains.

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Color

Yxy(63.3416, 0.4105, 0.3960)

Conversions

Conversions Part 1

Format	Color
Hex	FFC685
RGB	255, 198, 133
RGB Percent	100%, 78%, 52%
CMY	0.0001, 0.2235, 0.4785
CMYK	0.00, 0.22, 0.48, 0.00
HSL	32°, 100%, 76%
HSV	32°, 48%, 100%
XYZ	65.6609, 63.3416, 30.9510
YIQ	207.6330, 54.8370, -8.1310

Conversions

Conversions Part 2

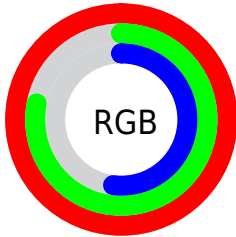
Format	Color
R _Y B	240, 255, 133
Decimal	16762501
CIE Lab	83.62, 12.60, 40.26
CIE LCh	84, 42.185, 72.622
Yxy	63.3416, 0.4105, 0.3960
Android (android.graphics.Color)	4294952581 (0xFFFFC685)
YUV	207.6330, -36.7941, 41.5409
Hunter-Lab	79.5874, 7.9874, 32.6537

Details

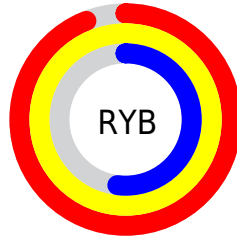
The Yxy color **63.3416, 0.4105, 0.3960** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.0094, 0.2344, 0.2491**, and the grayscale version is **63.0429, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3679, 0.3532, 0.3959**, and **32.2915, 0.4339, 0.4089** is the 20% darker color. If you saturate the color by 10%, you get **57.4921, 0.4365, 0.4081**, and if you desaturate by 10%, it is **69.7960, 0.3860, 0.3822**.

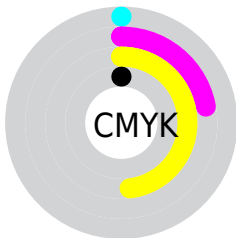
Distribution



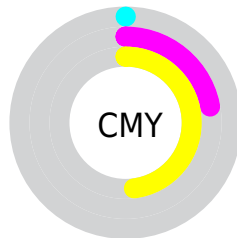
- Red (100%)
- Green (78%)
- Blue (52%)



- Red (94%)
- 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 63.3416, 0.4105, 0.3960 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 63.3416, 0.4105, 0.3960 by changing the saturation by 10% instead.


 63.3416, 0.4105,
0.3960


 63.3416, 0.4105,
0.3960


436.8082, 0.3646,
0.3664


 46.1176, 0.4208,
0.4021


 109.6622, 0.3946,
0.3862

 32.3386, 0.4334,
0.4093


 139.5276, 0.3884,
0.3822

 21.6203, 0.4490,
0.4175


 174.3756, 0.3831,
0.3788

 13.5782, 0.4684,
0.4269

214.5905, 0.3784,
0.3757

 7.8279, 0.4928,
0.4367

260.5569, 0.3743,
0.3730

 3.9850, 0.5386,
0.4577

312.6590, 0.3707,

 1.6652, 0.5576,

0.3706

0.4424

371.2813, 0.3675,
0.3684

0.4010, 0.6320,
0.3680

0.0000, 0.0000,
0.0000

63.3416, 0.4105,
0.3960

63.3416, 0.4105,
0.3960

57.4921, 0.4365,
0.4081

69.7960, 0.3860,
0.3822

52.2162, 0.4629,
0.4172

76.8671, 0.3634,
0.3678

47.4923, 0.4883,
0.4222

84.5774, 0.3432,
0.3534

43.2931, 0.5110,
0.4218

92.9454, 0.3253,
0.3394

■ 39.5849, 0.5299,
0.4160

99.9957, 0.3127,
0.3290

■ 38.8413, 0.5337,
0.4144

Harmonies

Analogous

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



63.3416, 0.4181, 0.3568



63.3416, 0.4105, 0.3960



63.3416, 0.3759, 0.4221

Triad

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



63.3416, 0.4105, 0.3960



63.3416, 0.2360, 0.3360



63.3416, 0.2923, 0.2535

Complementary

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



63.3416, 0.4105, 0.3960



49.0094, 0.2344, 0.2491

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.



63.3416, 0.2478, 0.2447



63.3416, 0.4105, 0.3960



63.3416, 0.2177, 0.2868

Square

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



63.3416, 0.4105, 0.3960



63.3416, 0.2749, 0.3885



63.3416, 0.2219, 0.2553



63.3416, 0.3464, 0.2785

Rectangle

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



63.3416, 0.4105, 0.3960



63.3416, 0.3435, 0.4254



63.3416, 0.2219, 0.2553



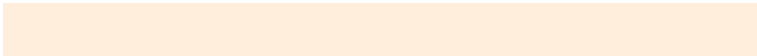
63.3416, 0.2758, 0.2485

Sweetspot

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



63.3446, 0.4105, 0.3960



87.7319, 0.3360, 0.3479



41.8313, 0.3796, 0.2686



18.3986, 0.3400, 0.3510



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.



63.3446, 0.4105, 0.3960



57.9743, 0.4343, 0.4071



94.0710, 0.3820, 0.4466



19.5905, 0.3281, 0.3417



20.6014, 0.5314, 0.4163



2.2247, 0.5151, 0.4292

Inverse Universe

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



49.0094, 0.2344, 0.2491



42.1624, 0.2200, 0.2303



29.1433, 0.2223, 0.1778



18.7761, 0.2979, 0.3160



10.9677, 0.1740, 0.1465



1.2841, 0.1800, 0.1679

Previews

White Background



This preview shows how the Yxy color 63.3416, 0.4105, 0.3960 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 63.3416, 0.4105, 0.3960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

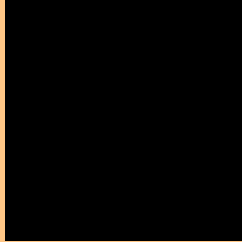
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.3416, 0.4105, 0.3960

Background



This preview shows how black text looks on a background with the Yxy color 63.3416, 0.4105, 0.3960.



This preview shows how white text looks on a background with the Yxy color 63.3416, 0.4105, 0.3960.

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

63.3416, 0.4105, 0.3960

Protanopia

63.7380, 0.3792, 0.4096

Deuteranopia

63.2357, 0.4075, 0.3977



Tritanopia

63.3189, 0.3551, 0.3167

Trichromacy



Original Color

63.3416, 0.4105, 0.3960

Protanomaly

63.4447, 0.3899, 0.4042

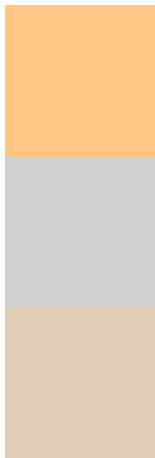
Deuteranomaly

63.4229, 0.4083, 0.3974

Tritanomaly

63.0579, 0.3761, 0.3459

Monochromacy



Original Color

63.3416, 0.4105, 0.3960

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.5295, 0.3463, 0.3551

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.3416, 0.4105, 0.3960 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, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 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, 198, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 133) }
```

Border

The CSS property to change the border of an element to Yxy 63.3416, 0.4105, 0.3960 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, 133) }
```

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

```
.border{ border-color:rgb(255, 198, 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, 198, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 198, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 198, 133); box-shadow:4px 4px 4px 4px rgb(255, 198, 133) }
```


Background

The CSS property to change the background color of an element to Yxy 63.3416, 0.4105, 0.3960 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, 133) }
```

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

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