

Converting Colors

$Y_{xy}(71.6776, 0.4282, 0.3694)$

Have a look what the booklet for
Yxy(71.6776, 0.4282, 0.3694)
contains.

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Color

Yxy(63.4595, 0.3963, 0.3760)

Conversions

Conversions Part 1

Format	Color
Hex	FFC598
RGB	255, 197, 152
RGB Percent	100%, 77%, 60%
CMY	0.0000, 0.2275, 0.4039
CMYK	0.00, 0.23, 0.40, 0.00
HSL	26°, 100%, 80%
HSV	26°, 40%, 100%
XYZ	66.8856, 63.4595, 38.4301
YIQ	209.2120, 49.0130, -1.6990

Conversions

Conversions Part 2

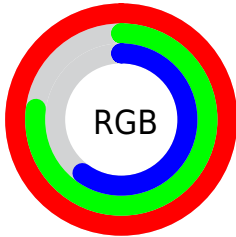
Format	Color
R _Y B	255, 232, 152
Decimal	16762264
CIE Lab	83.68, 15.06, 30.53
CIE LCh	84, 34.042, 63.735
Yxy	63.4595, 0.3963, 0.3760
Android (android.graphics.Color)	4294952344 (0xFFFFC598)
YUV	209.2120, -28.2055, 40.1561
Hunter-Lab	79.6615, 10.4652, 27.1605

Details

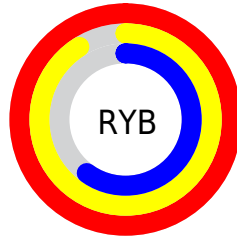
The Yxy color **63.4595, 0.3963, 0.3760** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.9963, 0.2486, 0.2760**, and the grayscale version is **64.0644, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6486, 0.3413, 0.3751**, and **32.3203, 0.4161, 0.3849** is the 20% darker color. If you saturate the color by 10%, you get **56.4922, 0.4241, 0.3871**, and if you desaturate by 10%, it is **71.2176, 0.3712, 0.3641**.

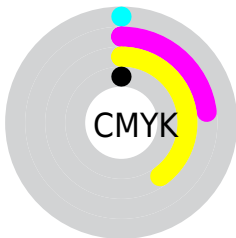
Distribution



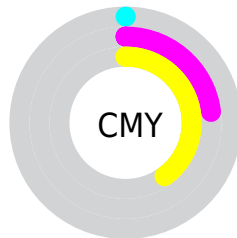
- Red (100%)
- Green (77%)
- Blue (60%)



- Red (100%)
- Yellow (91%)
- Blue (60%)



- Cyan (0%)
- Magenta (23%)
- Yellow (40%)
- Black (0%)





- Cyan (0%)
- Magenta (23%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.4595, 0.3963, 0.3760 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 63.4595, 0.3963, 0.3760 by changing the saturation by 10% instead.


 63.4595, 0.3963,
0.3760

 63.4595, 0.3963,
0.3760


437.2352, 0.3566,
0.3552

 46.2130, 0.4055,
0.3804


 109.8322, 0.3824,
0.3690

 32.4140, 0.4169,
0.3856


 139.7271, 0.3770,
0.3663

 21.6779, 0.4312,
0.3917


174.6071, 0.3724,
0.3638

 13.6204, 0.4498,
0.3990

214.8564, 0.3684,
0.3617

 7.8571, 0.4746,
0.4072

260.8595, 0.3649,
0.3598

 4.0037, 0.5092,
0.4159

313.0007, 0.3618,

 1.6756, 0.5703,

0.3581

0.4297

371.6645, 0.3591,
0.3566

0.4078, 0.6494,
0.3506

0.0000, 0.0000,
0.0000

63.4595, 0.3963,
0.3760

63.4595, 0.3963,
0.3760

56.4922, 0.4241,
0.3871

71.2176, 0.3712,
0.3641

50.3022, 0.4541,
0.3963

79.8090, 0.3491,
0.3521

44.8534, 0.4850,
0.4024

89.2545, 0.3299,
0.3404

40.1118, 0.5148,
0.4039

99.5784, 0.3133,
0.3294

■ 36.0398, 0.5413,
0.4001

100.0000, 0.3127,
0.3290

■ 32.7107, 0.5624,
0.3917

Harmonies

Analogous

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



63.4595, 0.3944, 0.3426



63.4595, 0.3963, 0.3760



63.4595, 0.3746, 0.4003

Triad

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



63.4595, 0.3963, 0.3760



63.4595, 0.2583, 0.3480



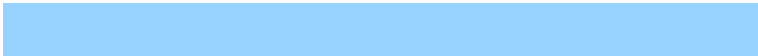
63.4595, 0.2845, 0.2630

Complementary

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



63.4595, 0.3963, 0.3760



59.9963, 0.2486, 0.2760

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.



63.4595, 0.2516, 0.2607



63.4595, 0.3963, 0.3760



63.4595, 0.2374, 0.3064

Square

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



63.4595, 0.3963, 0.3760



63.4595, 0.2943, 0.3863



63.4595, 0.2351, 0.2753



63.4595, 0.3272, 0.2802

Rectangle

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



63.4595, 0.3963, 0.3760



63.4595, 0.3506, 0.4065



63.4595, 0.2351, 0.2753



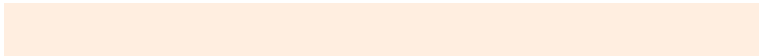
63.4595, 0.2720, 0.2605

Sweetspot

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



63.4544, 0.3963, 0.3760



87.6758, 0.3328, 0.3423



48.3891, 0.3570, 0.2693



18.4955, 0.3352, 0.3438



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.



63.4544, 0.3963, 0.3760



58.0854, 0.4172, 0.3846



90.7441, 0.3758, 0.4236



19.2923, 0.3283, 0.3394



17.3768, 0.5595, 0.3939



1.9047, 0.5397, 0.4096

Inverse Universe

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



59.9963, 0.2486, 0.2760



54.1997, 0.2370, 0.2639



38.6473, 0.2386, 0.2126



19.0755, 0.2979, 0.3184



14.4386, 0.1831, 0.1790



1.6234, 0.1882, 0.1976

Previews

White Background



This preview shows how the Yxy color 63.4595, 0.3963, 0.3760 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 63.4595, 0.3963, 0.3760 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 63.4595, 0.3963, 0.3760

Background



This preview shows how black text looks on a background with the Yxy color 63.4595, 0.3963, 0.3760.



This preview shows how white text looks on a background with the Yxy color 63.4595, 0.3963, 0.3760.

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

63.4595, 0.3963, 0.3760

Protanopia

63.8825, 0.3623, 0.3881

Deuteranopia

63.4994, 0.3900, 0.3812



Tritanopia

63.3671, 0.3543, 0.3157

Trichromacy



Original Color

63.4595, 0.3963, 0.3760

Protanomaly

63.6914, 0.3741, 0.3843

Deuteranomaly

63.5904, 0.3929, 0.3797

Tritanomaly

63.3887, 0.3695, 0.3375

Monochromacy



Original Color

63.4595, 0.3963, 0.3760

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.4622, 0.3416, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4595, 0.3963, 0.3760 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, 197, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 152)  
}
```

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, 197, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 152) }
```

Border

The CSS property to change the border of an element to Yxy 63.4595, 0.3963, 0.3760 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, 197, 152) }
```

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

```
.border{ border-color:rgb(255, 197, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 197, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4595, 0.3963, 0.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 152) }
```

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

```
.background{ background-color: rgb(255,  
197, 152) }
```

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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