

Converting Colors

Yxy(63.8903, 0.3699, 0.3630)

Have a look what the booklet for
Yxy(63.8903, 0.3699, 0.3630)
contains.

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Color

Yxy(63.7303, 0.3705, 0.3627)

Conversions

Conversions Part 1

Format	Color
Hex	F3C9AA
RGB	243, 201, 170
RGB Percent	95%, 79%, 67%
CMY	0.0471, 0.2117, 0.3335
CMYK	0.00, 0.17, 0.30, 0.05
HSL	26°, 75%, 81%
HSV	26°, 30%, 95%
XYZ	65.1008, 63.7303, 46.8796
YIQ	210.0240, 34.9830, -0.7370

Conversions

Conversions Part 2

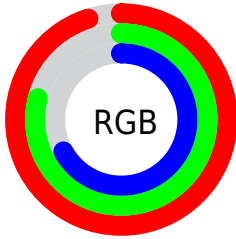
Format	Color
R _Y B	243, 224, 170
Decimal	15976874
CIE Lab	83.83, 10.46, 21.09
CIE LCh	84, 23.544, 63.615
Yxy	63.7303, 0.3705, 0.3627
Android (android.graphics.Color)	4294166954 (0xFF3C9AA)
YUV	210.0240, -19.7318, 28.9200
Hunter-Lab	79.8313, 5.8586, 21.0648

Details

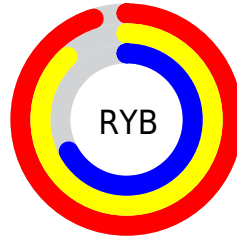
The Yxy color **63.7303, 0.3705, 0.3627** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.0735, 0.2653, 0.2926**, and the grayscale version is **64.5800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2162, 0.3304, 0.3582**, and **32.6145, 0.3849, 0.3697** is the 20% darker color. If you saturate the color by 10%, you get **56.6772, 0.3956, 0.3743**, and if you desaturate by 10%, it is **71.5517, 0.3484, 0.3510**.

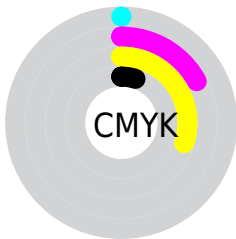
Distribution



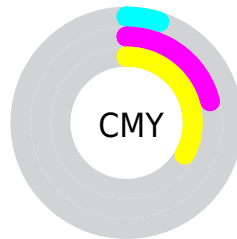
- Red (95%)
- Green (79%)
- Blue (67%)



- Red (95%)
- Yellow (88%)
- Blue (67%)



- Cyan (0%)
- Magenta (17%)
- Yellow (30%)
- Black (5%)





- Cyan (5%)
- Magenta (21%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.7303, 0.3705, 0.3627 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 63.7303, 0.3705, 0.3627 by changing the saturation by 10% instead.


 63.7303, 0.3705,
0.3627

 63.7303, 0.3705,
0.3627


438.2151, 0.3430,
0.3473

 46.4323, 0.3770,
0.3661


 110.2224, 0.3608,
0.3574

 32.5871, 0.3850,
0.3702


140.1853, 0.3571,
0.3554

 21.8103, 0.3953,
0.3754


175.1386, 0.3539,
0.3536

 13.7176, 0.4089,
0.3818

215.4667, 0.3511,
0.3520

 7.9245, 0.4276,
0.3900

261.5540, 0.3487,
0.3506

 4.0467, 0.4545,
0.4004

313.7849, 0.3466,

 1.6997, 0.5192,

0.3494

0.4320

372.5438, 0.3447,
0.3483

0.4235, 0.6084,
0.3916

0.0000, 0.0000,
0.0000

63.7303, 0.3705,
0.3627

63.7303, 0.3705,
0.3627

56.6772, 0.3956,
0.3743

71.5517, 0.3484,
0.3510

50.3583, 0.4236,
0.3851

80.1562, 0.3293,
0.3397

44.7500, 0.4539,
0.3942

89.5694, 0.3128,
0.3291

39.8236, 0.4853,
0.4001

97.7944, 0.3054,
0.3290

■ 35.5481, 0.5158,
0.4017

■ 31.8888, 0.5430,
0.3979

■ 28.8155, 0.5653,
0.3893

Harmonies

Analogous

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



63.7303, 0.3688, 0.3394



63.7303, 0.3705, 0.3627



63.7303, 0.3561, 0.3785

Triad

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



63.7303, 0.3705, 0.3627



63.7303, 0.2750, 0.3424



63.7303, 0.2933, 0.2821

Complementary

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



63.7303, 0.3705, 0.3627



62.0735, 0.2653, 0.2926

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.



63.7303, 0.2699, 0.2810



63.7303, 0.3705, 0.3627



63.7303, 0.2597, 0.3143

Square

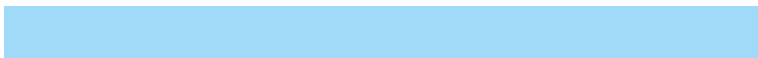
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.7303, 0.3705, 0.3627



63.7303, 0.3006, 0.3677



63.7303, 0.2579, 0.2921



63.7303, 0.3230, 0.2944

Rectangle

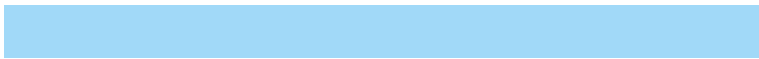
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.7303, 0.3705, 0.3627



63.7303, 0.3397, 0.3820



63.7303, 0.2579, 0.2921



63.7303, 0.2844, 0.2804

Sweetspot

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



63.7332, 0.3705, 0.3627



90.4782, 0.3275, 0.3386



52.5710, 0.3415, 0.2837



19.0515, 0.3301, 0.3402



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.



63.7332, 0.3705, 0.3627



66.2589, 0.3853, 0.3698



82.4724, 0.3599, 0.3985



17.6407, 0.3283, 0.3391



16.0696, 0.5626, 0.3915



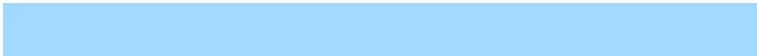
1.6116, 0.5405, 0.4091

Inverse Universe

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



62.0735, 0.2653, 0.2926



64.1259, 0.2557, 0.2840



46.0815, 0.2603, 0.2484



17.5088, 0.2980, 0.3187



14.0697, 0.1843, 0.1834



1.4401, 0.1898, 0.2033

Previews

White Background



This preview shows how the Yxy color 63.7303, 0.3705, 0.3627 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 63.7303, 0.3705, 0.3627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

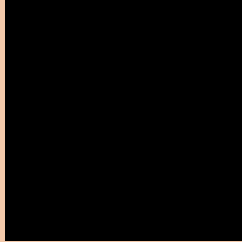
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.7303, 0.3705, 0.3627

Background



This preview shows how black text looks on a background with the Yxy color 63.7303, 0.3705, 0.3627.



This preview shows how white text looks on a background with the Yxy color 63.7303, 0.3705, 0.3627.

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

63.7303, 0.3705, 0.3627

Protanopia

64.0291, 0.3473, 0.3690

Deuteranopia

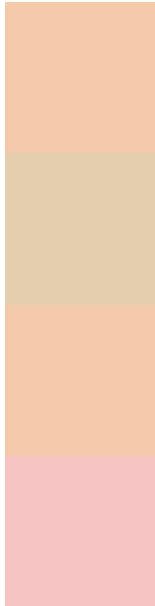
63.7303, 0.3705, 0.3627



Tritanopia

63.4575, 0.3432, 0.3133

Trichromacy



Original Color

63.7303, 0.3705, 0.3627

Protanomaly

63.8178, 0.3552, 0.3661

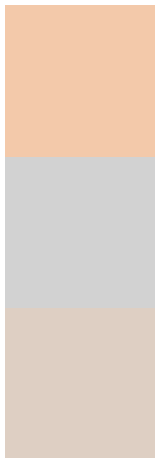
Deuteranomaly

63.7303, 0.3705, 0.3627

Tritanomaly

63.4655, 0.3540, 0.3313

Monochromacy



Original Color

63.7303, 0.3705, 0.3627

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.0954, 0.3329, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.7303, 0.3705, 0.3627 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(243, 201, 170)` looks like.

```
.text, #text, p{  
    color:rgb(243, 201, 170)  
}
```

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(243, 201, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 201, 170) }
```

Border

The CSS property to change the border of an element to Yxy 63.7303, 0.3705, 0.3627 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(243, 201, 170) }
```

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

```
.border{ border-color:rgb(243, 201, 170) }
```

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

Here you see how a box with a 4 pixel rgb(243, 201, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 201, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 201, 170);  
box-shadow:4px 4px 4px 4px rgb(243, 201,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 63.7303, 0.3705, 0.3627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 201, 170) }
```

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

```
.background{ background-color: rgb(243,  
201, 170) }
```

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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