

Converting Colors

$Yxy(61.7110, 0.3972, 0.3710)$

Have a look what the booklet for
Yxy(61.7110, 0.3972, 0.3710)
contains.

Yxy(61.6998, 0.3972, 0.3710)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.6998, 0.3972, 0.3710)

Conversions

Conversions Part 1

Format	Color
Hex	FFC199
RGB	255, 193, 153
RGB Percent	100%, 76%, 60%
CMY	0.0000, 0.2431, 0.4001
CMYK	0.00, 0.24, 0.40, 0.00
HSL	24°, 100%, 80%
HSV	24°, 40%, 100%
XYZ	66.0570, 61.6998, 38.5499
YIQ	206.9780, 49.7920, 0.7040

Conversions

Conversions Part 2

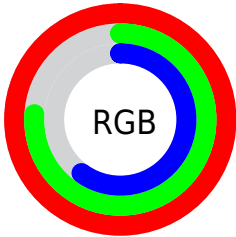
Format	Color
R _Y B	255, 219, 153
Decimal	16761241
CIE Lab	82.75, 17.23, 28.78
CIE LCh	83, 33.541, 59.091
Yxy	61.6998, 0.3972, 0.3710
Android (android.graphics.Color)	4294951321 (0xFFFFC199)
YUV	206.9780, -26.6112, 42.1153
Hunter-Lab	78.5492, 12.6509, 25.8865

Details

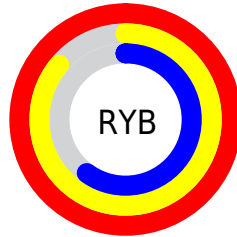
The Yxy color **61.6998, 0.3972, 0.3710** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.5677, 0.2501, 0.2821**, and the grayscale version is **62.5328, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1853, 0.3414, 0.3704**, and **31.1603, 0.4178, 0.3785** is the 20% darker color. If you saturate the color by 10%, you get **54.4533, 0.4263, 0.3810**, and if you desaturate by 10%, it is **69.8498, 0.3713, 0.3602**.

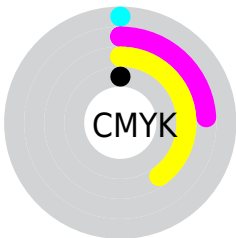
Distribution



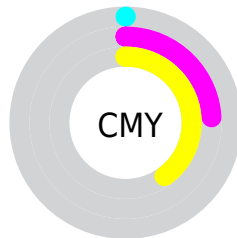
- Red (100%)
- Green (76%)
- Blue (60%)



- Red (100%)
- Yellow (86%)
- Blue (60%)



- Cyan (0%)
- Magenta (24%)
- Yellow (40%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.6998, 0.3972, 0.3710 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 61.6998, 0.3972, 0.3710 by changing the saturation by 10% instead.

 61.6998, 0.3972,
0.3710

 61.6998, 0.3972,
0.3710

430.8352, 0.3568,
0.3525

 44.7902, 0.4066,
0.3749


 107.2915, 0.3830,
0.3648

 31.2922, 0.4184,
0.3794

 136.7424, 0.3775,
0.3624

 20.8214, 0.4333,
0.3848

171.1426, 0.3728,
0.3602

 12.9935, 0.4528,
0.3910

210.8763, 0.3687,
0.3583

 7.4241, 0.4790,
0.3978

256.3280, 0.3652,
0.3566

 3.7287, 0.5162,
0.4045

307.8822, 0.3620,

 1.5230, 0.5841,

0.3551

0.4159

365.9231, 0.3593,
0.3537

0.3048, 0.6997,
0.3003

0.0000, 0.0000,
0.0000

61.6998, 0.3972,
0.3710

61.6998, 0.3972,
0.3710

54.4533, 0.4263,
0.3810

69.8498, 0.3713,
0.3602

48.0678, 0.4580,
0.3893

78.9261, 0.3488,
0.3494

42.5104, 0.4911,
0.3945

88.9614, 0.3294,
0.3389

37.7418, 0.5232,
0.3953

99.9843, 0.3127,
0.3290

■ 33.7187, 0.5519,
0.3908

99.9997, 0.3127,
0.3290

■ 30.3883, 0.5751,
0.3816

Harmonies

Analogous

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



61.6998, 0.3914, 0.3372



61.6998, 0.3972, 0.3710



61.6998, 0.3789, 0.3972

Triad

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



61.6998, 0.3972, 0.3710



61.6998, 0.2633, 0.3544



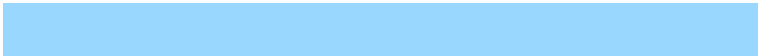
61.6998, 0.2787, 0.2620

Complementary

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



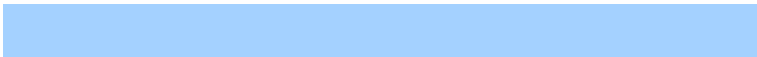
61.6998, 0.3972, 0.3710



62.5677, 0.2501, 0.2821

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.



61.6998, 0.2483, 0.2622



61.6998, 0.3972, 0.3710



61.6998, 0.2398, 0.3125

Square

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



61.6998, 0.3972, 0.3710



61.6998, 0.3008, 0.3905



61.6998, 0.2346, 0.2794



61.6998, 0.3203, 0.2770

Rectangle

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



61.6998, 0.3972, 0.3710



61.6998, 0.3564, 0.4056



61.6998, 0.2346, 0.2794



61.6998, 0.2669, 0.2602

Sweetspot

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



61.7027, 0.3972, 0.3710



86.8903, 0.3330, 0.3409



48.9836, 0.3516, 0.2649



18.3111, 0.3354, 0.3423



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.



61.7027, 0.3972, 0.3710



55.8423, 0.4202, 0.3791



87.7164, 0.3771, 0.4184



19.1564, 0.3284, 0.3384



16.1486, 0.5722, 0.3839



1.7777, 0.5512, 0.4006

Inverse Universe

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



62.5677, 0.2501, 0.2821



56.7822, 0.2383, 0.2708



40.8529, 0.2404, 0.2201



19.2145, 0.2979, 0.3194



16.3081, 0.1874, 0.1947



1.8008, 0.1921, 0.2116

Previews

White Background



This preview shows how the Yxy color 61.6998, 0.3972, 0.3710 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 61.6998, 0.3972, 0.3710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

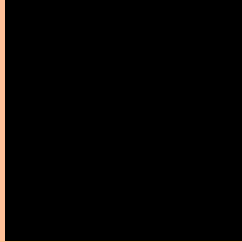
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.6998, 0.3972, 0.3710

Background



This preview shows how black text looks on a background with the Yxy color 61.6998, 0.3972, 0.3710.



This preview shows how white text looks on a background with the Yxy color 61.6998, 0.3972, 0.3710.

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

61.6998, 0.3972, 0.3710

Protanopia

61.8615, 0.3584, 0.3833

Deuteranopia

61.8883, 0.3866, 0.3788



Tritanopia

61.8722, 0.3582, 0.3167

Trichromacy



Original Color

61.6998, 0.3972, 0.3710

Protanomaly

61.5312, 0.3723, 0.3782

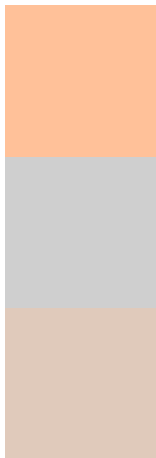
Deuteranomaly

61.7033, 0.3908, 0.3761

Tritanomaly

61.5476, 0.3723, 0.3354

Monochromacy



Original Color

61.6998, 0.3972, 0.3710

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.6762, 0.3413, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6998, 0.3972, 0.3710 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, 193, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 153)  
}
```

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, 193, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 153) }
```

Border

The CSS property to change the border of an element to Yxy 61.6998, 0.3972, 0.3710 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, 193, 153) }
```

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

```
.border{ border-color:rgb(255, 193, 153) }
```

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

Here you see how a box with a 4 pixel rgb(255, 193, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6998, 0.3972, 0.3710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 153) }
```

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

```
.background{ background-color: rgb(255,  
193, 153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor