

Converting Colors

Yxy(58.4563, 0.4004, 0.3633)

Have a look what the booklet for
Yxy(58.4563, 0.4004, 0.3633)
contains.

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Color

Yxy(58.6777, 0.4002, 0.3638)

Conversions

Conversions Part 1

Format	Color
Hex	FFBA99
RGB	255, 186, 153
RGB Percent	100%, 73%, 60%
CMY	0.0000, 0.2706, 0.4000
CMYK	0.00, 0.27, 0.40, 0.00
HSL	19°, 100%, 80%
HSV	19°, 40%, 100%
XYZ	64.5487, 58.6777, 38.0647
YIQ	202.8690, 51.7170, 4.3650

Conversions

Conversions Part 2

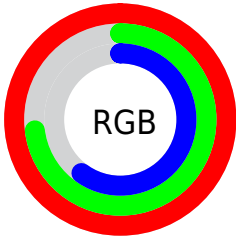
Format	Color
R _Y B	255, 202, 153
Decimal	16759449
CIE Lab	81.11, 20.90, 26.55
CIE LCh	81, 33.786, 51.789
Yxy	58.6777, 0.4002, 0.3638
Android (android.graphics.Color)	4294949529 (0xFFFFBA99)
YUV	202.8690, -24.5854, 45.7189
Hunter-Lab	76.6014, 16.3619, 24.1586

Details

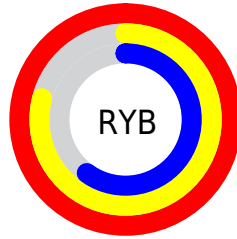
The Yxy color **58.6777, 0.4002, 0.3638** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.2366, 0.2515, 0.2906**, and the grayscale version is **59.7694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.3183, 0.3428, 0.3628**, and **29.4701, 0.4220, 0.3706** is the 20% darker color. If you saturate the color by 10%, you get **51.0909, 0.4314, 0.3720**, and if you desaturate by 10%, it is **67.3276, 0.3729, 0.3549**.

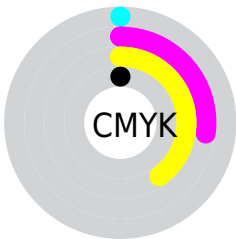
Distribution



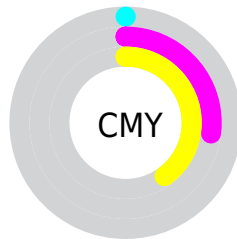
- Red (100%)
- Green (73%)
- Blue (60%)



- Red (100%)
- Yellow (79%)
- Blue (60%)



- Cyan (0%)
- Magenta (27%)
- Yellow (40%)
- Black (0%)




- Cyan (0%)
- Magenta (27%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.6777, 0.4002, 0.3638 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 58.6777, 0.4002, 0.3638 by changing the saturation by 10% instead.


 58.6777, 0.4002,
0.3638

 58.6777, 0.4002,
0.3638

419.7065, 0.3579,
0.3487

 42.3537, 0.4102,
0.3669


 102.9091, 0.3852,
0.3588

 29.3784, 0.4228,
0.3704

 131.5853, 0.3794,
0.3568

 19.3672, 0.4389,
0.3745


165.1477, 0.3745,
0.3550

 11.9359, 0.4601,
0.3791


203.9807, 0.3703,
0.3535

 6.7001, 0.4891,
0.3835

248.4687, 0.3666,
0.3521

 3.2752, 0.5316,
0.3870


298.9960, 0.3633,

 1.2771, 0.6089,

0.3508

0.3911


355.9472, 0.3604,
0.3497


 0.1233, 0.8357,
0.1643


 0.0000, 0.0000,
0.0000

 58.6777, 0.4002,
0.3638


 58.6777, 0.4002,
0.3638


 51.0909, 0.4314,
0.3720


 67.3276, 0.3729,
0.3549

 44.5160, 0.4659,
0.3786

 77.0723, 0.3494,
0.3459

 38.9100, 0.5023,
0.3823

 87.9524, 0.3295,
0.3372

 34.2231, 0.5378,
0.3819

99.9996, 0.3127,
0.3290

■ 30.4000, 0.5691,
0.3765

■ 27.3711, 0.5936,
0.3668

■ 27.3699, 0.5937,
0.3668

Harmonies

Analogous

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



58.6777, 0.3880, 0.3287



58.6777, 0.4002, 0.3638



58.6777, 0.3870, 0.3934

Triad

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



58.6777, 0.4002, 0.3638



58.6777, 0.2704, 0.3653



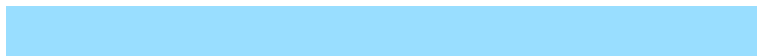
58.6777, 0.2690, 0.2590

Complementary

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



58.6777, 0.4002, 0.3638



66.2366, 0.2515, 0.2906

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.



58.6777, 0.2417, 0.2633



58.6777, 0.4002, 0.3638



58.6777, 0.2423, 0.3221

Square

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



58.6777, 0.4002, 0.3638



58.6777, 0.3110, 0.3983



58.6777, 0.2323, 0.2850



58.6777, 0.3095, 0.2708

Rectangle

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



58.6777, 0.4002, 0.3638



58.6777, 0.3665, 0.4054



58.6777, 0.2323, 0.2850



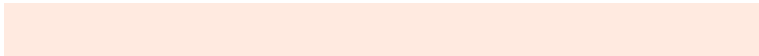
58.6777, 0.2581, 0.2585

Sweetspot

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



58.6805, 0.4002, 0.3638



85.6802, 0.3332, 0.3389



49.3571, 0.3452, 0.2585



18.0273, 0.3357, 0.3400



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.



58.6805, 0.4002, 0.3638



52.5238, 0.4249, 0.3705



83.7238, 0.3796, 0.4124



18.9465, 0.3286, 0.3368



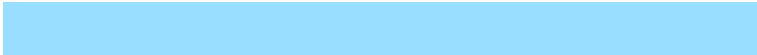
14.5406, 0.5907, 0.3692



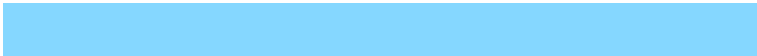
1.6043, 0.5687, 0.3867

Inverse Universe

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



66.2366, 0.2515, 0.2906



60.9787, 0.2403, 0.2814



43.3873, 0.2417, 0.2286



19.4324, 0.2980, 0.3211



19.5719, 0.1943, 0.2194



2.1042, 0.1982, 0.2334

Previews

White Background



This preview shows how the Yxy color 58.6777, 0.4002, 0.3638 looks on a white background.

Color Contrast Check

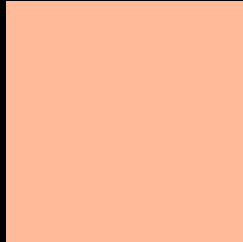
Large Text (above 18pt) WCAG AA × Fail

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 58.6777, 0.4002, 0.3638 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 58.6777, 0.4002, 0.3638

Background



This preview shows how black text looks on a background with the Yxy color 58.6777, 0.4002, 0.3638.



This preview shows how white text looks on a background with the Yxy color 58.6777, 0.4002, 0.3638.

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

58.6777, 0.4002, 0.3638

Protanopia

58.7584, 0.3549, 0.3774

Deuteranopia

59.0277, 0.3831, 0.3756



Tritanopia

58.6560, 0.3649, 0.3156

Trichromacy



Original Color

58.6777, 0.4002, 0.3638

Protanomaly

58.7372, 0.3715, 0.3733

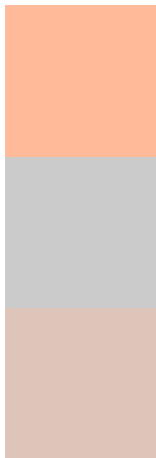
Deuteranomaly

58.7617, 0.3895, 0.3715

Tritanomaly

58.4223, 0.3778, 0.3323

Monochromacy



Original Color

58.6777, 0.4002, 0.3638

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.9649, 0.3422, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6777, 0.4002, 0.3638 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, 186, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 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, 186, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 153) }
```

Border

The CSS property to change the border of an element to Yxy 58.6777, 0.4002, 0.3638 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, 186, 153) }
```

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

```
.border{ border-color:rgb(255, 186, 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, 186, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6777, 0.4002, 0.3638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 153) }
```

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

```
.background{ background-color: rgb(255,  
186, 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](#).

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