

Converting Colors

Yxy(59.8684, 0.4149, 0.3887)

Have a look what the booklet for
Yxy(59.8684, 0.4149, 0.3887)
contains.

Yxy(59.7804, 0.4148, 0.3881)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(59.7804, 0.4148, 0.3881)

Conversions

Conversions Part 1

Format	Color
Hex	FFBE85
RGB	255, 190, 133
RGB Percent	100%, 75%, 52%
CMY	0.0000, 0.2549, 0.4784
CMYK	0.00, 0.25, 0.48, 0.00
HSL	28°, 100%, 76%
HSV	28°, 48%, 100%
XYZ	63.8931, 59.7804, 30.3600
YIQ	202.9370, 57.0370, -3.9470

Conversions

Conversions Part 2

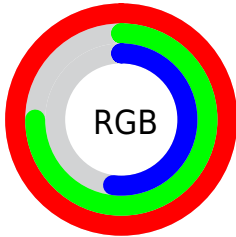
Format	Color
R_{YB}	255, 240, 133
Decimal	16760453
CIE _{Lab}	81.72, 16.80, 37.82
CIE _{LCh}	82, 41.384, 66.049
Y _{xy}	59.7804, 0.4148, 0.3881
Android (android.graphics.Color)	4294950533 (0xFFFFBE85)
YUV	202.9370, -34.4789, 45.6593
Hunter-Lab	77.3178, 12.2009, 30.8413

Details

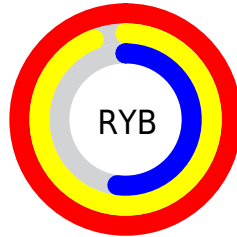
The Yxy color **59.7804, 0.4148, 0.3881** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.5948, 0.2363, 0.2594**, and the grayscale version is **59.8709, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7594, 0.3553, 0.3877**, and **30.2363, 0.4400, 0.4003** is the 20% darker color. If you saturate the color by 10%, you get **53.5440, 0.4432, 0.3986**, and if you desaturate by 10%, it is **66.7338, 0.3884, 0.3760**.

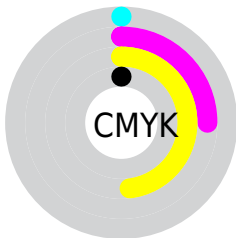
Distribution



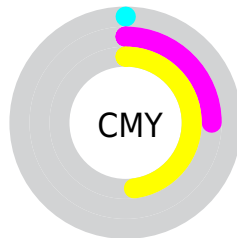
- Red (100%)
- Green (75%)
- Blue (52%)



- Red (100%)
- Yellow (94%)
- Blue (52%)



- Cyan (0%)
- Magenta (25%)
- Yellow (48%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.7804, 0.4148, 0.3881 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 59.7804, 0.4148, 0.3881 by changing the saturation by 10% instead.


 59.7804, 0.4148,
0.3881


 59.7804, 0.4148,
0.3881


423.7879, 0.3662,
0.3622

 43.2417, 0.4260,
0.3934


 104.5110, 0.3978,
0.3796

 30.0748, 0.4397,
0.3995


 133.4717, 0.3912,
0.3761

 19.8953, 0.4569,
0.4064

 167.3419, 0.3856,
0.3731

 12.3190, 0.4787,
0.4139

206.5058, 0.3806,
0.3704

 6.9613, 0.5066,
0.4211

251.3480, 0.3763,
0.3680

 3.4379, 0.5608,
0.4392

302.2528, 0.3725,

 1.3644, 0.5851,

0.3659

0.4149

359.6046, 0.3692,
0.3639

0.1903, 0.7564,
0.2436

0.0000, 0.0000,
0.0000

59.7804, 0.4148,
0.3881

59.7804, 0.4148,
0.3881

53.5440, 0.4432,
0.3986

66.7338, 0.3884,
0.3760

48.0012, 0.4726,
0.4063

74.4339, 0.3647,
0.3632

43.1206, 0.5013,
0.4098

82.9037, 0.3437,
0.3504

38.8692, 0.5274,
0.4080

92.1659, 0.3254,
0.3381

■ 35.2071, 0.5491,
0.4007

100.0000, 0.3127,
0.3290

■ 34.4860, 0.5534,
0.3988

Harmonies

Analogous

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



59.7804, 0.4155, 0.3476



59.7804, 0.4148, 0.3881



59.7804, 0.3853, 0.4182

Triad

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



59.7804, 0.4148, 0.3881



59.7804, 0.2430, 0.3480



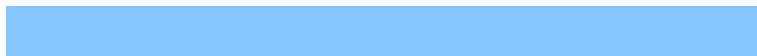
59.7804, 0.2813, 0.2500

Complementary

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



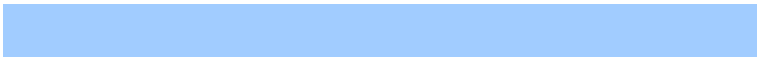
59.7804, 0.4148, 0.3881



52.5948, 0.2363, 0.2594

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.



59.7804, 0.2404, 0.2452



59.7804, 0.4148, 0.3881



59.7804, 0.2198, 0.2964

Square

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



59.7804, 0.4148, 0.3881



59.7804, 0.2854, 0.3982



59.7804, 0.2191, 0.2604



59.7804, 0.3344, 0.2719

Rectangle

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



59.7804, 0.4148, 0.3881



59.7804, 0.3546, 0.4259



59.7804, 0.2191, 0.2604



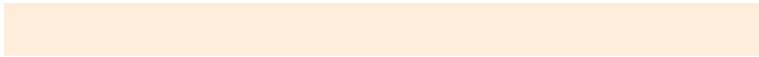
59.7804, 0.2658, 0.2463

Sweetspot

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



59.7790, 0.4148, 0.3881



86.3691, 0.3364, 0.3456



42.1147, 0.3730, 0.2626



18.0671, 0.3404, 0.3483



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.



59.7790, 0.4148, 0.3881



54.0431, 0.4407, 0.3978



91.9061, 0.3852, 0.4428



19.3862, 0.3283, 0.3401



18.3123, 0.5507, 0.4010



1.9993, 0.5319, 0.4159

Inverse Universe

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



52.5948, 0.2363, 0.2594



46.0925, 0.2227, 0.2431



30.1160, 0.2219, 0.1822



18.9804, 0.2979, 0.3176



13.2553, 0.1801, 0.1685



1.5094, 0.1856, 0.1881

Previews

White Background



This preview shows how the Yxy color 59.7804, 0.4148, 0.3881 looks on a white background.

Color Contrast Check

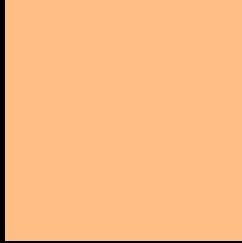
Large Text (above 18pt) WCAG AA × Fail

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 59.7804, 0.4148, 0.3881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

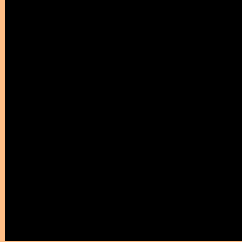
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.7804, 0.4148, 0.3881

Background



This preview shows how black text looks on a background with the Yxy color 59.7804, 0.4148, 0.3881.



This preview shows how white text looks on a background with the Yxy color 59.7804, 0.4148, 0.3881.

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

59.7804, 0.4148, 0.3881

Protanopia

59.7625, 0.3750, 0.4041

Deuteranopia

59.6620, 0.4050, 0.3954



Tritanopia

59.5722, 0.3627, 0.3156

Trichromacy



Original Color

59.7804, 0.4148, 0.3881

Protanomaly

59.4894, 0.3897, 0.3981

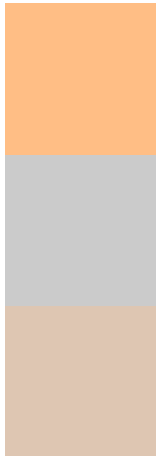
Deuteranomaly

59.9456, 0.4089, 0.3934

Tritanomaly

59.4338, 0.3821, 0.3418

Monochromacy



Original Color

59.7804, 0.4148, 0.3881

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.1321, 0.3475, 0.3521

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7804, 0.4148, 0.3881 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, 190, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 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, 190, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 133) }
```

Border

The CSS property to change the border of an element to Yxy 59.7804, 0.4148, 0.3881 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, 190, 133) }
```

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

```
.border{ border-color:rgb(255, 190, 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, 190, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7804, 0.4148, 0.3881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 133) }
```

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

```
.background{ background-color: rgb(255,  
190, 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](#).

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