

Converting Colors

$Y_{xy}(100.0000, 0.5190, 0.3674)$

Have a look what the booklet for
Yxy(100.0000, 0.5190, 0.3674)
contains.

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Color

Yxy(59.9768, 0.4212, 0.3978)

Conversions

Conversions Part 1

Format	Color
Hex	FFBF7C
RGB	255, 191, 124
RGB Percent	100%, 75%, 49%
CMY	0.0000, 0.2509, 0.5138
CMYK	0.00, 0.25, 0.51, 0.00
HSL	31°, 100%, 74%
HSV	31°, 51%, 100%
XYZ	63.5048, 59.9768, 27.2896
YIQ	202.4980, 59.6510, -7.2690

Conversions

Conversions Part 2

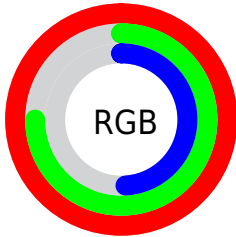
Format	Color
R_{YB}	249, 255, 124
Decimal	16760700
CIE _{Lab}	81.83, 15.45, 42.57
CIE _{LCh}	82, 45.284, 70.051
Yxy	59.9768, 0.4212, 0.3978
Android (android.graphics.Color)	4294950780 (0xFFFFBF7C)
YUV	202.4980, -38.6995, 46.0443
Hunter-Lab	77.4447, 10.8423, 33.3190

Details

The Yxy color **59.9768, 0.4212, 0.3978** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.4489, 0.2295, 0.2456**, and the grayscale version is **59.6090, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.9959, 0.3606, 0.3976**, and **30.2601, 0.4464, 0.4119** is the 20% darker color. If you saturate the color by 10%, you get **54.2133, 0.4483, 0.4085**, and if you desaturate by 10%, it is **66.3746, 0.3954, 0.3850**.

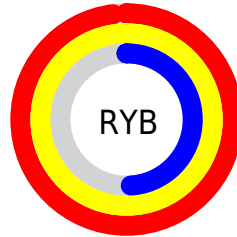
Distribution



Red (100%)

Green (75%)

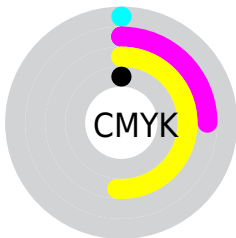
Blue (49%)



Red (98%)

Yellow (100%)

Blue (49%)

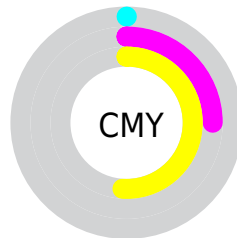


Cyan (0%)

Magenta (25%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (25%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.9768, 0.4212, 0.3978 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 59.9768, 0.4212, 0.3978 by changing the saturation by 10% instead.


 59.9768, 0.4212,
0.3978


 59.9768, 0.4212,
0.3978

424.5123, 0.3699,
0.3677


 43.3999, 0.4328,
0.4038

 104.7960, 0.4034,
0.3879

 30.1990, 0.4469,
0.4108


 133.8072, 0.3965,
0.3839

 19.9897, 0.4642,
0.4185


 167.7318, 0.3905,
0.3804

 12.3876, 0.4858,
0.4267

206.9545, 0.3853,
0.3773

 7.0082, 0.5126,
0.4342

251.8594, 0.3807,
0.3745

 3.4672, 0.5550,
0.4450

302.8311, 0.3767,

 1.3803, 0.5775,

0.3720

0.4225

360.2539, 0.3731,
0.3698

0.2021, 0.7380,
0.2620

0.0000, 0.0000,
0.0000

59.9768, 0.4212,
0.3978

59.9768, 0.4212,
0.3978

54.2133, 0.4483,
0.4085

66.3746, 0.3954,
0.3850

49.0509, 0.4756,
0.4158

73.4208, 0.3717,
0.3712

44.4654, 0.5013,
0.4185

81.1397, 0.3503,
0.3573

40.4263, 0.5238,
0.4157

89.5512, 0.3314,
0.3437

37.3493, 0.5401,
0.4093

98.6747, 0.3148,
0.3307

99.9981, 0.3127,
0.3290

Harmonies

Analogous

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



59.9768, 0.4270, 0.3545



59.9768, 0.4212, 0.3978



59.9768, 0.3852, 0.4289

Triad

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



59.9768, 0.4212, 0.3978



59.9768, 0.2321, 0.3414



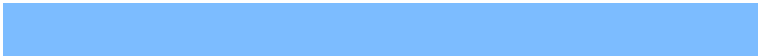
59.9768, 0.2854, 0.2458

Complementary

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



59.9768, 0.4212, 0.3978



47.4489, 0.2295, 0.2456

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.



59.9768, 0.2389, 0.2378



59.9768, 0.4212, 0.3978



59.9768, 0.2105, 0.2864

Square

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



59.9768, 0.4212, 0.3978



59.9768, 0.2755, 0.3989



59.9768, 0.2131, 0.2507



59.9768, 0.3442, 0.2714

Rectangle

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



59.9768, 0.4212, 0.3978



59.9768, 0.3504, 0.4352



59.9768, 0.2131, 0.2507



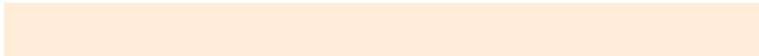
59.9768, 0.2680, 0.2410

Sweetspot

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



59.9797, 0.4212, 0.3978



86.4330, 0.3380, 0.3485



39.3624, 0.3845, 0.2624



18.1196, 0.3420, 0.3514



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.



59.9797, 0.4212, 0.3978



53.8809, 0.4500, 0.4091



94.2262, 0.3879, 0.4533



19.5240, 0.3281, 0.3412



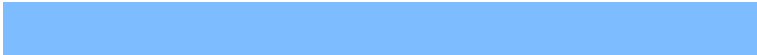
19.8176, 0.5376, 0.4113



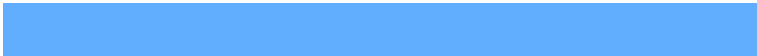
2.1483, 0.5205, 0.4249

Inverse Universe

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



47.4489, 0.2295, 0.2456



40.0682, 0.2136, 0.2244



25.9118, 0.2134, 0.1647



18.8422, 0.2979, 0.3165



11.6703, 0.1760, 0.1535



1.3541, 0.1818, 0.1744

Previews

White Background



This preview shows how the Yxy color 59.9768, 0.4212, 0.3978 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 59.9768, 0.4212, 0.3978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

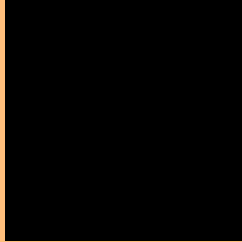
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.9768, 0.4212, 0.3978

Background



This preview shows how black text looks on a background with the Yxy color 59.9768, 0.4212, 0.3978.



This preview shows how white text looks on a background with the Yxy color 59.9768, 0.4212, 0.3978.

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

59.9768, 0.4212, 0.3978

Protanopia

60.3003, 0.3828, 0.4146

Deuteranopia

60.2344, 0.4129, 0.4048



Tritanopia

59.9891, 0.3625, 0.3167

Trichromacy



Original Color

59.9768, 0.4212, 0.3978

Protanomaly

59.8716, 0.3968, 0.4083

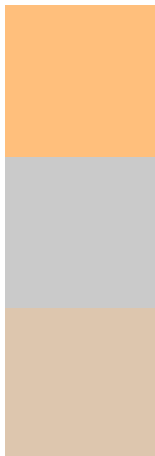
Deuteranomaly

60.3376, 0.4160, 0.4030

Tritanomaly

59.7029, 0.3852, 0.3470

Monochromacy



Original Color

59.9768, 0.4212, 0.3978

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.8163, 0.3498, 0.3568

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9768, 0.4212, 0.3978 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, 191, 124)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 124)  
}
```

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, 191, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 124) }
```

Border

The CSS property to change the border of an element to Yxy 59.9768, 0.4212, 0.3978 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, 191, 124) }
```

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

```
.border{ border-color:rgb(255, 191, 124) }
```

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

Here you see how a box with a 4 pixel rgb(255, 191, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 124);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9768, 0.4212, 0.3978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 124) }
```

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

```
.background{ background-color: rgb(255,  
191, 124) }
```

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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