

Converting Colors

$Y_{xy}(72.8763, 0.4679, 0.3865)$

Have a look what the booklet for
Yxy(72.8763, 0.4679, 0.3865)
contains.

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Color

Yxy(59.9021, 0.4235, 0.4006)

Conversions

Conversions Part 1

Format	Color
Hex	FFBF79
RGB	255, 191, 121
RGB Percent	100%, 75%, 47%
CMY	0.0000, 0.2510, 0.5256
CMYK	0.00, 0.25, 0.53, 0.00
HSL	31°, 100%, 74%
HSV	31°, 53%, 100%
XYZ	63.3264, 59.9021, 26.3025
YIQ	202.1560, 60.6140, -8.2020

Conversions

Conversions Part 2

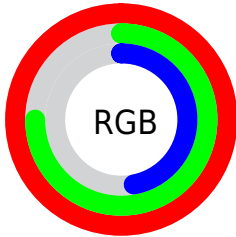
Format	Color
R_{YB}	244, 255, 121
Decimal	16760697
CIE _{Lab}	81.78, 15.22, 44.04
CIE _{LCh}	82, 46.590, 70.939
Yxy	59.9021, 0.4235, 0.4006
Android (android.graphics.Color)	4294950777 (0xFFFFBF79)
YUV	202.1560, -40.0099, 46.3442
Hunter-Lab	77.3964, 10.6063, 34.0283

Details

The Yxy color **59.9021, 0.4235, 0.4006** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.9671, 0.2272, 0.2414**, and the grayscale version is **59.3878, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8375, 0.3631, 0.4015**, and **30.2213, 0.4490, 0.4150** is the 20% darker color. If you saturate the color by 10%, you get **54.2640, 0.4502, 0.4112**, and if you desaturate by 10%, it is **66.1446, 0.3978, 0.3878**.

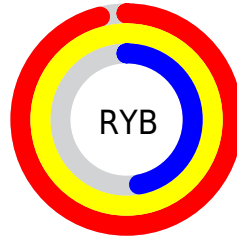
Distribution



Red (100%)

Green (75%)

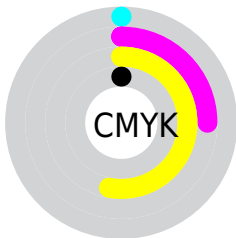
Blue (47%)



Red (96%)

Yellow (100%)

Blue (47%)

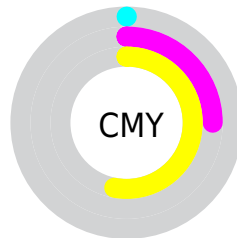


Cyan (0%)

Magenta (25%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.9021, 0.4235, 0.4006 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 59.9021, 0.4235, 0.4006 by changing the saturation by 10% instead.


 59.9021, 0.4235,
0.4006


 59.9021, 0.4235,
0.4006

424.2368, 0.3712,
0.3694

 43.3397, 0.4352,
0.4068


 104.6876, 0.4054,
0.3904

 30.1518, 0.4495,
0.4140


 133.6796, 0.3984,
0.3862

 19.9538, 0.4669,
0.4219


 167.5835, 0.3923,
0.3825

 12.3615, 0.4885,
0.4302

206.7839, 0.3870,
0.3793

 6.9904, 0.5152,
0.4377

251.6650, 0.3823,
0.3764

 3.4561, 0.5541,
0.4459

302.6112, 0.3782,

 1.3742, 0.5764,

0.3738

0.4236

360.0070, 0.3745,
0.3715

0.1976, 0.7389,
0.2611

0.0000, 0.0000,
0.0000

59.9021, 0.4235,
0.4006

59.9021, 0.4235,
0.4006

54.2640, 0.4502,
0.4112

66.1446, 0.3978,
0.3878

49.2099, 0.4769,
0.4183

73.0175, 0.3741,
0.3738

44.7121, 0.5018,
0.4206

80.5401, 0.3526,
0.3595

40.7405, 0.5233,
0.4174

88.7321, 0.3335,
0.3456

38.1001, 0.5369,
0.4119

97.6121, 0.3167,
0.3323

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



59.9021, 0.4307, 0.3563



59.9021, 0.4235, 0.4006



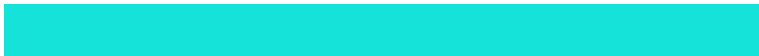
59.9021, 0.3856, 0.4323

Triad

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



59.9021, 0.4235, 0.4006



59.9021, 0.2288, 0.3398



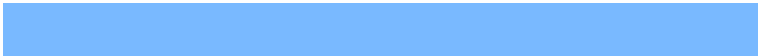
59.9021, 0.2863, 0.2442

Complementary

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



59.9021, 0.4235, 0.4006



45.9671, 0.2272, 0.2414

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.



59.9021, 0.2381, 0.2354



59.9021, 0.4235, 0.4006



59.9021, 0.2075, 0.2836

Square

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



59.9021, 0.4235, 0.4006



59.9021, 0.2728, 0.3996



59.9021, 0.2109, 0.2478



59.9021, 0.3469, 0.2709

Rectangle

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



59.9021, 0.4235, 0.4006



59.9021, 0.3496, 0.4384



59.9021, 0.2109, 0.2478



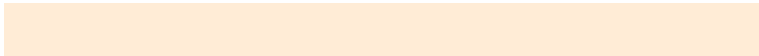
59.9021, 0.2682, 0.2391

Sweetspot

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



59.9009, 0.4235, 0.4006



85.8389, 0.3398, 0.3503



38.4613, 0.3895, 0.2632



18.0106, 0.3437, 0.3532



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.



59.9009, 0.4235, 0.4006



54.0305, 0.4514, 0.4116



93.7384, 0.3878, 0.4565



19.5576, 0.3281, 0.3414



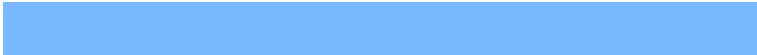
20.2093, 0.5344, 0.4138



2.1866, 0.5177, 0.4271

Inverse Universe

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



45.9671, 0.2272, 0.2414



38.7670, 0.2116, 0.2201



25.1125, 0.2122, 0.1611



18.8087, 0.2979, 0.3163



11.3100, 0.1750, 0.1499



1.3183, 0.1809, 0.1711

Previews

White Background



This preview shows how the Yxy color 59.9021, 0.4235, 0.4006 looks on a white background.

Color Contrast Check

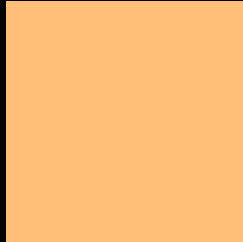
Large Text (above 18pt) WCAG AA × Fail

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 59.9021, 0.4235, 0.4006 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 59.9021, 0.4235, 0.4006

Background



This preview shows how black text looks on a background with the Yxy color 59.9021, 0.4235, 0.4006.



This preview shows how white text looks on a background with the Yxy color 59.9021, 0.4235, 0.4006.

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

59.9021, 0.4235, 0.4006

Protanopia

60.2217, 0.3849, 0.4178

Deuteranopia

59.7138, 0.4157, 0.4067



Tritanopia

59.9891, 0.3625, 0.3167

Trichromacy



Original Color

59.9021, 0.4235, 0.4006

Protanomaly

59.7945, 0.3990, 0.4114

Deuteranomaly

59.8200, 0.4188, 0.4048

Tritanomaly

59.6652, 0.3861, 0.3481

Monochromacy



Original Color

59.9021, 0.4235, 0.4006

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.7774, 0.3506, 0.3580

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9021, 0.4235, 0.4006 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, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 121)  
}
```

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, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 121) }
```

Border

The CSS property to change the border of an element to Yxy 59.9021, 0.4235, 0.4006 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, 121) }
```

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

```
.border{ border-color:rgb(255, 191, 121) }
```

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, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 121);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9021, 0.4235, 0.4006 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, 121) }
```

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

```
.background{ background-color: rgb(255,  
191, 121) }
```

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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