

Converting Colors

$Y_{xy}(64.2128, 0.4277, 0.3711)$

Have a look what the booklet for
Yxy(64.2128, 0.4277, 0.3711)
contains.

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Color

Yxy(59.2401, 0.4069, 0.3751)

Conversions

Conversions Part 1

Format	Color
Hex	FFBC90
RGB	255, 188, 144
RGB Percent	100%, 74%, 56%
CMY	0.0000, 0.2628, 0.4353
CMYK	0.00, 0.26, 0.44, 0.00
HSL	24°, 100%, 78%
HSV	24°, 44%, 100%
XYZ	64.2623, 59.2401, 34.4291
YIQ	203.0170, 54.0560, 0.5200

Conversions

Conversions Part 2

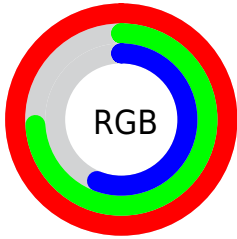
Format	Color
R _Y B	255, 217, 144
Decimal	16759952
CIE Lab	81.42, 18.91, 31.72
CIE LCh	81, 36.928, 59.190
Yxy	59.2401, 0.4069, 0.3751
Android (android.graphics.Color)	4294950032 (0xFFFFBC90)
YUV	203.0170, -29.0954, 45.5891
Hunter-Lab	76.9676, 14.3412, 27.3558

Details

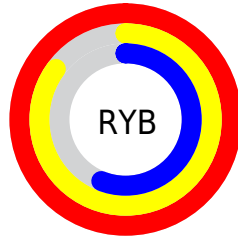
The Yxy color **59.2401, 0.4069, 0.3751** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.7339, 0.2447, 0.2766**, and the grayscale version is **59.8908, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0386, 0.3488, 0.3748**, and **29.8540, 0.4304, 0.3846** is the 20% darker color. If you saturate the color by 10%, you get **52.3164, 0.4369, 0.3847**, and if you desaturate by 10%, it is **67.0391, 0.3799, 0.3644**.

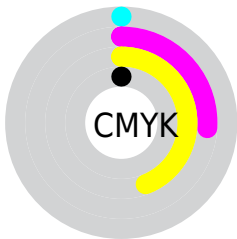
Distribution



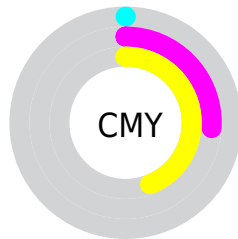
- Red (100%)
- Green (74%)
- Blue (56%)



- Red (100%)
- Yellow (85%)
- Blue (56%)



- Cyan (0%)
- Magenta (26%)
- Yellow (44%)
- Black (0%)





- Cyan (0%)
- Magenta (26%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.2401, 0.4069, 0.3751 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 59.2401, 0.4069, 0.3751 by changing the saturation by 10% instead.


 59.2401, 0.4069,
0.3751

 59.2401, 0.4069,
0.3751


421.7911, 0.3616,
0.3549

 42.8064, 0.4175,
0.3792


 103.7265, 0.3909,
0.3684

 29.7333, 0.4307,
0.3840


 132.5481, 0.3848,
0.3657

 19.6362, 0.4474,
0.3896


166.2678, 0.3795,
0.3634

 12.1309, 0.4691,
0.3957

205.2699, 0.3750,
0.3613

 6.8329, 0.4979,
0.4017

249.9389, 0.3710,
0.3594

 3.3578, 0.5445,
0.4108

300.6592, 0.3675,

 1.3213, 0.5974,

0.3578

0.4026

357.8151, 0.3644,
0.3563

0.1576, 0.7951,
0.2049

0.0000, 0.0000,
0.0000

59.2401, 0.4069,
0.3751

59.2401, 0.4069,
0.3751

52.3164, 0.4369,
0.3847

67.0391, 0.3799,
0.3644

46.2373, 0.4691,
0.3921

75.7484, 0.3563,
0.3534

40.9651, 0.5019,
0.3960

85.3969, 0.3358,
0.3427

36.4600, 0.5329,
0.3951

96.0132, 0.3183,
0.3324

■ 32.6771, 0.5596,
0.3888

100.0000, 0.3127,
0.3290

■ 30.5846, 0.5740,
0.3824

Harmonies

Analogous

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



59.2401, 0.4007, 0.3377



59.2401, 0.4069, 0.3751



59.2401, 0.3861, 0.4047

Triad

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



59.2401, 0.4069, 0.3751



59.2401, 0.2576, 0.3572



59.2401, 0.2749, 0.2550

Complementary

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



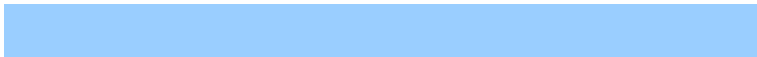
59.2401, 0.4069, 0.3751



59.7339, 0.2447, 0.2766

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.



59.2401, 0.2414, 0.2549



59.2401, 0.4069, 0.3751



59.2401, 0.2319, 0.3100

Square

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



59.2401, 0.4069, 0.3751



59.2401, 0.2990, 0.3981



59.2401, 0.2263, 0.2734



59.2401, 0.3211, 0.2716

Rectangle

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



59.2401, 0.4069, 0.3751



59.2401, 0.3609, 0.4146



59.2401, 0.2263, 0.2734



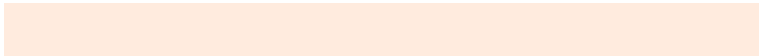
59.2401, 0.2619, 0.2530

Sweetspot

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



59.2391, 0.4069, 0.3751



85.9377, 0.3348, 0.3421



45.9801, 0.3563, 0.2594



17.9183, 0.3390, 0.3444



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.



59.2391, 0.4069, 0.3751



53.3218, 0.4321, 0.3834



86.8068, 0.3828, 0.4258



19.1685, 0.3284, 0.3385



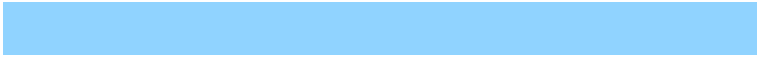
16.2524, 0.5711, 0.3848



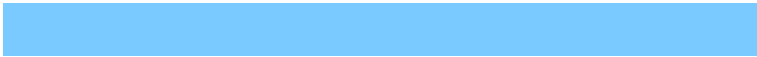
1.7886, 0.5502, 0.4014

Inverse Universe

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



59.7339, 0.2447, 0.2766



53.8318, 0.2325, 0.2643



37.2431, 0.2331, 0.2087



19.2020, 0.2979, 0.3193



16.1332, 0.1870, 0.1933



1.7843, 0.1918, 0.2103

Previews

White Background



This preview shows how the Yxy color 59.2401, 0.4069, 0.3751 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 59.2401, 0.4069, 0.3751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

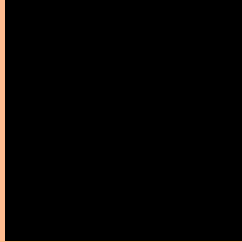
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.2401, 0.4069, 0.3751

Background



This preview shows how black text looks on a background with the Yxy color 59.2401, 0.4069, 0.3751.



This preview shows how white text looks on a background with the Yxy color 59.2401, 0.4069, 0.3751.

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

59.2401, 0.4069, 0.3751

Protanopia

59.1948, 0.3639, 0.3899

Deuteranopia

59.2675, 0.3929, 0.3848



Tritanopia

59.1125, 0.3638, 0.3156

Trichromacy



Original Color

59.2401, 0.4069, 0.3751

Protanomaly

59.0595, 0.3792, 0.3843

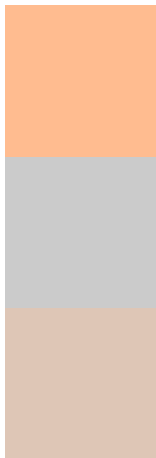
Deuteranomaly

59.2753, 0.3981, 0.3818

Tritanomaly

59.1322, 0.3798, 0.3376

Monochromacy



Original Color

59.2401, 0.4069, 0.3751

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.2952, 0.3443, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2401, 0.4069, 0.3751 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, 188, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 144)  
}
```

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, 188, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 144) }
```

Border

The CSS property to change the border of an element to Yxy 59.2401, 0.4069, 0.3751 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, 188, 144) }
```

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

```
.border{ border-color:rgb(255, 188, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2401, 0.4069, 0.3751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 144) }
```

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

```
.background{ background-color: rgb(255,  
188, 144) }
```

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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