

Converting Colors

$Yxy(81.9236, 0.4731, 0.3599)$

Have a look what the booklet for
Yxy(81.9236, 0.4731, 0.3599)
contains.

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Color

Yxy(59.7933, 0.4031, 0.3720)

Conversions

Conversions Part 1

Format	Color
Hex	FFBD94
RGB	255, 189, 148
RGB Percent	100%, 74%, 58%
CMY	0.0000, 0.2589, 0.4195
CMYK	0.00, 0.26, 0.42, 0.00
HSL	23°, 100%, 79%
HSV	23°, 42%, 100%
XYZ	64.7921, 59.7933, 36.1492
YIQ	204.0600, 52.4970, 1.2410

Conversions

Conversions Part 2

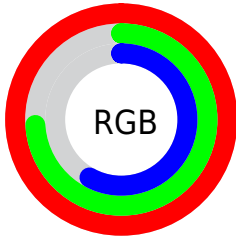
Format	Color
R _Y B	255, 214, 148
Decimal	16760212
CIE Lab	81.73, 18.81, 30.01
CIE LCh	82, 35.416, 57.911
Yxy	59.7933, 0.4031, 0.3720
Android (android.graphics.Color)	4294950292 (0xFFFFBD94)
YUV	204.0600, -27.6376, 44.6744
Hunter-Lab	77.3261, 14.2458, 26.4108

Details

The Yxy color **59.7933, 0.4031, 0.3720** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.6226, 0.2474, 0.2806**, and the grayscale version is **60.5737, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8291, 0.3461, 0.3717**, and **30.2071, 0.4253, 0.3809** is the 20% darker color. If you saturate the color by 10%, you get **52.6645, 0.4331, 0.3815**, and if you desaturate by 10%, it is **67.8285, 0.3763, 0.3616**.

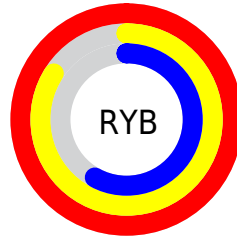
Distribution



Red (100%)

Green (74%)

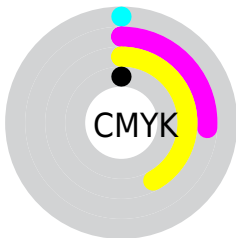
Blue (58%)



Red (100%)

Yellow (84%)

Blue (58%)

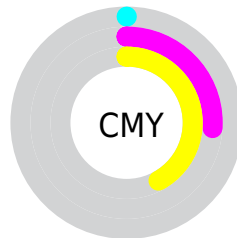


Cyan (0%)

Magenta (26%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (26%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.7933, 0.4031, 0.3720 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 59.7933, 0.4031, 0.3720 by changing the saturation by 10% instead.


 59.7933, 0.4031,
0.3720


 59.7933, 0.4031,
0.3720


423.8355, 0.3596,
0.3532

 43.2520, 0.4133,
0.3759


 104.5298, 0.3878,
0.3658

 30.0829, 0.4260,
0.3804


 133.4938, 0.3819,
0.3632

 19.9015, 0.4421,
0.3857


167.3675, 0.3768,
0.3610

 12.3235, 0.4631,
0.3916

206.5353, 0.3725,
0.3591

 6.9644, 0.4914,
0.3976

251.3816, 0.3686,
0.3574

 3.4398, 0.5341,
0.4046

302.2908, 0.3653,

 1.3654, 0.5958,

0.3558

0.4042

359.6473, 0.3623,
0.3544

0.1910, 0.7704,
0.2296

0.0000, 0.0000,
0.0000

59.7933, 0.4031,
0.3720

59.7933, 0.4031,
0.3720

52.6645, 0.4331,
0.3815

67.8285, 0.3763,
0.3616

46.4156, 0.4656,
0.3891

76.8117, 0.3530,
0.3509

41.0059, 0.4991,
0.3933

86.7712, 0.3329,
0.3406

36.3942, 0.5313,
0.3930

97.7368, 0.3158,
0.3308

■ 32.5347, 0.5593,
0.3873

100.0000, 0.3127,
0.3290

■ 29.9333, 0.5778,
0.3795

Harmonies

Analogous

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



59.7933, 0.3959, 0.3360



59.7933, 0.4031, 0.3720



59.7933, 0.3843, 0.4006

Triad

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



59.7933, 0.4031, 0.3720



59.7933, 0.2614, 0.3579



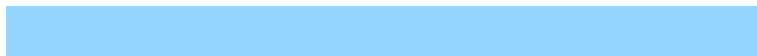
59.7933, 0.2749, 0.2576

Complementary

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



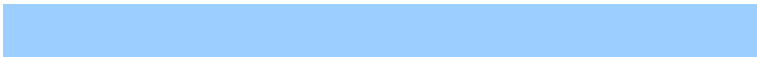
59.7933, 0.4031, 0.3720



61.6226, 0.2474, 0.2806

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.



59.7933, 0.2433, 0.2583



59.7933, 0.4031, 0.3720



59.7933, 0.2358, 0.3128

Square

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



59.7933, 0.4031, 0.3720



59.7933, 0.3016, 0.3961



59.7933, 0.2296, 0.2771



59.7933, 0.3189, 0.2729

Rectangle

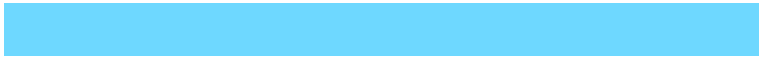
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.7933, 0.4031, 0.3720



59.7933, 0.3607, 0.4105



59.7933, 0.2296, 0.2771



59.7933, 0.2626, 0.2559

Sweetspot

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



59.7904, 0.4031, 0.3720



85.6834, 0.3349, 0.3417



47.3909, 0.3524, 0.2602



17.8559, 0.3391, 0.3439



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.



59.7904, 0.4031, 0.3720



53.9872, 0.4270, 0.3798



86.1527, 0.3809, 0.4210



19.1275, 0.3285, 0.3382



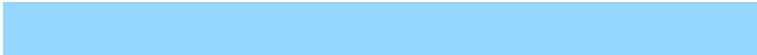
15.9069, 0.5748, 0.3818



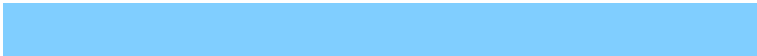
1.7522, 0.5536, 0.3986

Inverse Universe

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



61.6226, 0.2474, 0.2806



55.9931, 0.2357, 0.2694



39.4570, 0.2367, 0.2160



19.2443, 0.2979, 0.3197



16.7293, 0.1884, 0.1981



1.8403, 0.1929, 0.2146

Previews

White Background



This preview shows how the Yxy color 59.7933, 0.4031, 0.3720 looks on a white background.

Color Contrast Check

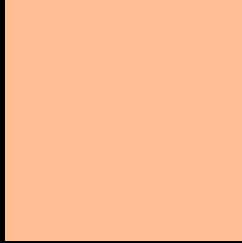
Large Text (above 18pt) WCAG AA × Fail

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 59.7933, 0.4031, 0.3720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

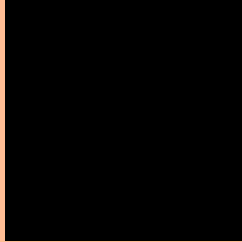
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.7933, 0.4031, 0.3720

Background



This preview shows how black text looks on a background with the Yxy color 59.7933, 0.4031, 0.3720.



This preview shows how white text looks on a background with the Yxy color 59.7933, 0.4031, 0.3720.

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

59.7933, 0.4031, 0.3720

Protanopia

59.9504, 0.3614, 0.3862

Deuteranopia

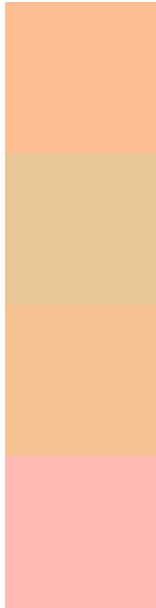
59.8376, 0.3893, 0.3815



Tritanopia

59.5722, 0.3627, 0.3156

Trichromacy



Original Color

59.7933, 0.4031, 0.3720

Protanomaly

59.6441, 0.3756, 0.3809

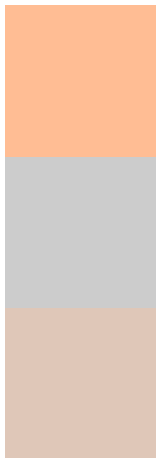
Deuteranomaly

59.8393, 0.3944, 0.3786

Tritanomaly

59.6325, 0.3777, 0.3365

Monochromacy



Original Color

59.7933, 0.4031, 0.3720

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.9955, 0.3434, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7933, 0.4031, 0.3720 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, 189, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 148)  
}
```

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, 189, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 148) }
```

Border

The CSS property to change the border of an element to Yxy 59.7933, 0.4031, 0.3720 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, 189, 148) }
```

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

```
.border{ border-color:rgb(255, 189, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7933, 0.4031, 0.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 148) }
```

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

```
.background{ background-color: rgb(255,  
189, 148) }
```

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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