

Converting Colors

$Yxy(71.4316, 0.4470, 0.3657)$

Have a look what the booklet for
Yxy(71.4316, 0.4470, 0.3657)
contains.

Yxy(59.7618, 0.4039, 0.3731)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.7618, 0.4039, 0.3731)

Conversions

Conversions Part 1

Format	Color
Hex	FFBD93
RGB	255, 189, 147
RGB Percent	100%, 74%, 58%
CMY	0.0001, 0.2587, 0.4236
CMYK	0.00, 0.26, 0.42, 0.00
HSL	23°, 100%, 79%
HSV	23°, 42%, 100%
XYZ	64.6952, 59.7618, 35.7193
YIQ	203.9460, 52.8180, 0.9300

Conversions

Conversions Part 2

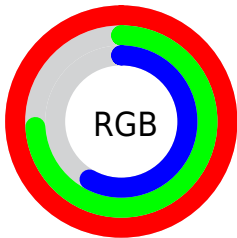
Format	Color
R _Y B	255, 216, 147
Decimal	16760211
CIE Lab	81.71, 18.67, 30.53
CIE LCh	82, 35.783, 58.552
Yxy	59.7618, 0.4039, 0.3731
Android (android.graphics.Color)	4294950291 (0xFFFFBD93)
YUV	203.9460, -28.0744, 44.7744
Hunter-Lab	77.3058, 14.0971, 26.7189

Details

The Yxy color **59.7618, 0.4039, 0.3731** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.9728, 0.2466, 0.2793**, and the grayscale version is **60.5034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7819, 0.3467, 0.3727**, and **30.1886, 0.4264, 0.3822** is the 20% darker color. If you saturate the color by 10%, you get **52.7068, 0.4338, 0.3827**, and if you desaturate by 10%, it is **67.7192, 0.3772, 0.3625**.

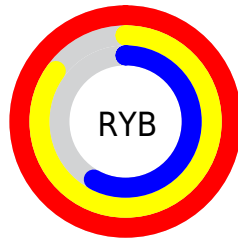
Distribution



Red (100%)

Green (74%)

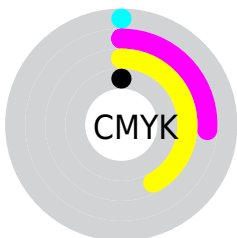
Blue (58%)



Red (100%)

Yellow (85%)

Blue (58%)

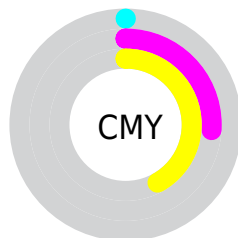


Cyan (0%)

Magenta (26%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.7618, 0.4039, 0.3731 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 59.7618, 0.4039, 0.3731 by changing the saturation by 10% instead.


 59.7618, 0.4039,
0.3731

 59.7618, 0.4039,
0.3731


423.7192, 0.3601,
0.3538

 43.2267, 0.4142,
0.3771


 104.4841, 0.3885,
0.3667

 30.0630, 0.4269,
0.3817


 133.4400, 0.3825,
0.3641

 19.8864, 0.4431,
0.3871


167.3049, 0.3774,
0.3619

 12.3125, 0.4643,
0.3931

206.4633, 0.3730,
0.3599

 6.9569, 0.4926,
0.3993

251.2995, 0.3692,
0.3581

 3.4351, 0.5359,
0.4069

302.1980, 0.3658,

 1.3629, 0.5951,

0.3565

0.4049

359.5431, 0.3628,
0.3551

0.1891, 0.7706,
0.2294

0.0000, 0.0000,
0.0000

59.7618, 0.4039,
0.3731

59.7618, 0.4039,
0.3731

52.7068, 0.4338,
0.3827

67.7192, 0.3772,
0.3625

46.5112, 0.4661,
0.3903

76.6027, 0.3538,
0.3517

41.1406, 0.4993,
0.3945

86.4458, 0.3337,
0.3412

36.5547, 0.5311,
0.3941

97.2775, 0.3164,
0.3312

■ 32.7083, 0.5586,
0.3883

99.9949, 0.3127,
0.3290

■ 30.2280, 0.5760,
0.3809

Harmonies

Analogous

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



59.7618, 0.3973, 0.3368



59.7618, 0.4039, 0.3731



59.7618, 0.3844, 0.4018

Triad

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



59.7618, 0.4039, 0.3731



59.7618, 0.2601, 0.3572



59.7618, 0.2753, 0.2571

Complementary

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



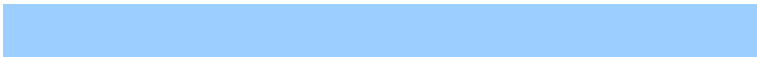
59.7618, 0.4039, 0.3731



60.9728, 0.2466, 0.2793

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.



59.7618, 0.2431, 0.2574



59.7618, 0.4039, 0.3731



59.7618, 0.2347, 0.3117

Square

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



59.7618, 0.4039, 0.3731



59.7618, 0.3005, 0.3962



59.7618, 0.2289, 0.2759



59.7618, 0.3199, 0.2729

Rectangle

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



59.7618, 0.4039, 0.3731



59.7618, 0.3603, 0.4115



59.7618, 0.2289, 0.2759



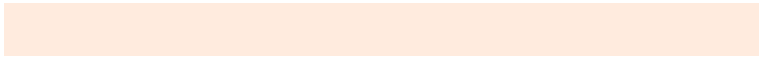
59.7618, 0.2628, 0.2553

Sweetspot

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



59.7647, 0.4039, 0.3731



85.8025, 0.3349, 0.3419



46.9488, 0.3547, 0.2612



17.8851, 0.3391, 0.3442



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.



59.7647, 0.4039, 0.3731



53.6250, 0.4296, 0.3815



87.0876, 0.3809, 0.4233



19.1467, 0.3285, 0.3383



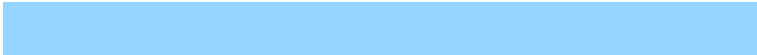
16.0671, 0.5730, 0.3832



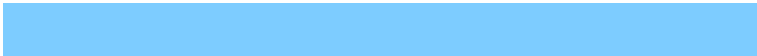
1.7691, 0.5520, 0.3999

Inverse Universe

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



60.9728, 0.2466, 0.2793



54.9388, 0.2341, 0.2670



38.4146, 0.2355, 0.2125



19.2245, 0.2979, 0.3195



16.4478, 0.1877, 0.1958



1.8139, 0.1924, 0.2126

Previews

White Background



This preview shows how the Yxy color 59.7618, 0.4039, 0.3731 looks on a white background.

Color Contrast Check

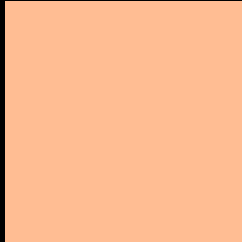
Large Text (above 18pt) WCAG AA × Fail

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 59.7618, 0.4039, 0.3731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

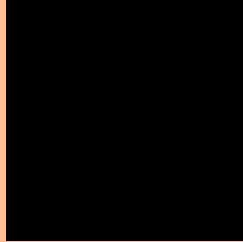
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.7618, 0.4039, 0.3731

Background



This preview shows how black text looks on a background with the Yxy color 59.7618, 0.4039, 0.3731.



This preview shows how white text looks on a background with the Yxy color 59.7618, 0.4039, 0.3731.

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

59.7618, 0.4039, 0.3731

Protanopia

59.9172, 0.3621, 0.3873

Deuteranopia

59.9828, 0.3910, 0.3824



Tritanopia

59.5722, 0.3627, 0.3156

Trichromacy



Original Color

59.7618, 0.4039, 0.3731

Protanomaly

59.6115, 0.3764, 0.3820

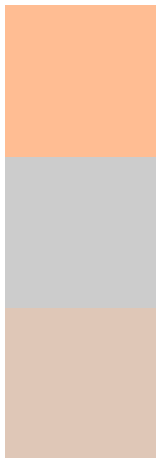
Deuteranomaly

59.9894, 0.3961, 0.3795

Tritanomaly

59.6325, 0.3777, 0.3365

Monochromacy



Original Color

59.7618, 0.4039, 0.3731

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.9537, 0.3442, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7618, 0.4039, 0.3731 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, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 147)  
}
```

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, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 147) }
```

Border

The CSS property to change the border of an element to Yxy 59.7618, 0.4039, 0.3731 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, 147) }
```

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

```
.border{ border-color:rgb(255, 189, 147) }
```

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, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7618, 0.4039, 0.3731 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, 147) }
```

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

```
.background{ background-color: rgb(255,  
189, 147) }
```

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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