

Converting Colors

$Yxy(60.2842, 0.3965, 0.3648)$

Have a look what the booklet for
Yxy(60.2842, 0.3965, 0.3648)
contains.

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Color

Yxy(60.4872, 0.3960, 0.3648)

Conversions

Conversions Part 1

Format	Color
Hex	FFBE9C
RGB	255, 190, 156
RGB Percent	100%, 75%, 61%
CMY	0.0000, 0.2549, 0.3883
CMYK	0.00, 0.25, 0.39, 0.00
HSL	21°, 100%, 81%
HSV	21°, 39%, 100%
XYZ	65.6604, 60.4872, 39.6616
YIQ	205.5590, 49.6540, 3.2060

Conversions

Conversions Part 2

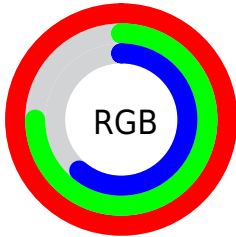
Format	Color
R _Y B	255, 208, 156
Decimal	16760476
CIE Lab	82.10, 19.15, 26.31
CIE LCh	82, 32.538, 53.950
Yxy	60.4872, 0.3960, 0.3648
Android (android.graphics.Color)	4294950556 (0xFFFFBE9C)
YUV	205.5590, -24.4326, 43.3598
Hunter-Lab	77.7735, 14.5953, 24.2058

Details

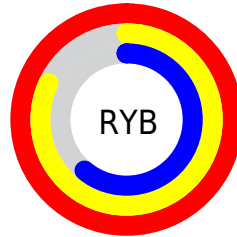
The Yxy color **60.4872, 0.3960, 0.3648** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.9962, 0.2528, 0.2896**, and the grayscale version is **61.5569, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8747, 0.3402, 0.3636**, and **30.3640, 0.4165, 0.3707** is the 20% darker color. If you saturate the color by 10%, you get **52.8697, 0.4262, 0.3737**, and if you desaturate by 10%, it is **69.1150, 0.3695, 0.3553**.

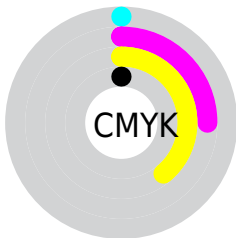
Distribution



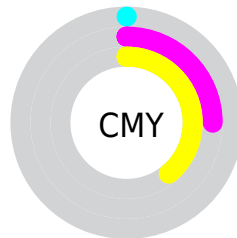
- Red (100%)
- Green (75%)
- Blue (61%)



- Red (100%)
- Yellow (82%)
- Blue (61%)



- Cyan (0%)
- Magenta (25%)
- Yellow (39%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.4872, 0.3960, 0.3648 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 60.4872, 0.3960, 0.3648 by changing the saturation by 10% instead.


 60.4872, 0.3960,
0.3648


 60.4872, 0.3960,
0.3648


426.3913, 0.3559,
0.3491

 43.8115, 0.4054,
0.3680


 105.5361, 0.3818,
0.3596

 30.5223, 0.4172,
0.3718


 134.6780, 0.3764,
0.3575

 20.2354, 0.4323,
0.3763

168.7441, 0.3717,
0.3557

 12.5663, 0.4521,
0.3814

208.1188, 0.3677,
0.3541

 7.1306, 0.4792,
0.3868

253.1865, 0.3642,
0.3526

 3.5439, 0.5177,
0.3912

304.3315, 0.3611,


 1.4218, 0.5962,


0.3513


0.4038

361.9383, 0.3584,
0.3502


 0.2327, 0.7474,
0.2526


 0.0000, 0.0000,
0.0000

 60.4872, 0.3960,
0.3648


 60.4872, 0.3960,
0.3648

 52.8697, 0.4262,
0.3737


 69.1150, 0.3695,
0.3553

 46.2291, 0.4596,
0.3810

 78.7964, 0.3467,
0.3458

 40.5211, 0.4949,
0.3855

 89.5644, 0.3274,
0.3366

 35.6995, 0.5297,
0.3860

100.0000, 0.3127,
0.3290

■ 31.7137, 0.5609,
0.3814

■ 28.5026, 0.5858,
0.3721

■ 28.1713, 0.5885,
0.3709

Harmonies

Analogous

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



60.4872, 0.3861, 0.3313



60.4872, 0.3960, 0.3648



60.4872, 0.3819, 0.3922

Triad

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



60.4872, 0.3960, 0.3648



60.4872, 0.2700, 0.3607



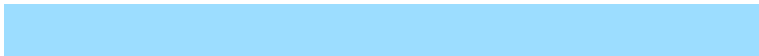
60.4872, 0.2734, 0.2623

Complementary

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



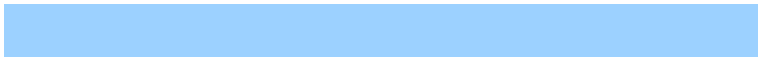
60.4872, 0.3960, 0.3648



65.9962, 0.2528, 0.2896

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.



60.4872, 0.2461, 0.2654



60.4872, 0.3960, 0.3648



60.4872, 0.2442, 0.3197

Square

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



60.4872, 0.3960, 0.3648



60.4872, 0.3082, 0.3932



60.4872, 0.2358, 0.2851



60.4872, 0.3128, 0.2746

Rectangle

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



60.4872, 0.3960, 0.3648



60.4872, 0.3617, 0.4025



60.4872, 0.2358, 0.2851



60.4872, 0.2626, 0.2615

Sweetspot

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



60.4852, 0.3960, 0.3648



86.0287, 0.3332, 0.3395



50.3071, 0.3455, 0.2621



18.1090, 0.3356, 0.3407



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.



60.4852, 0.3960, 0.3648



54.1876, 0.4204, 0.3721



85.0995, 0.3769, 0.4115



19.0070, 0.3286, 0.3372



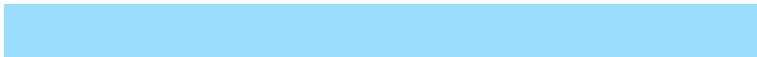
14.9689, 0.5855, 0.3733



1.6515, 0.5637, 0.3906

Inverse Universe

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



65.9962, 0.2528, 0.2896



60.3933, 0.2411, 0.2796



43.9792, 0.2437, 0.2300



19.3692, 0.2980, 0.3206



18.5826, 0.1923, 0.2122



2.0129, 0.1964, 0.2271

Previews

White Background



This preview shows how the Yxy color 60.4872, 0.3960, 0.3648 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 60.4872, 0.3960, 0.3648 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 60.4872, 0.3960, 0.3648

Background



This preview shows how black text looks on a background with the Yxy color 60.4872, 0.3960, 0.3648.



This preview shows how white text looks on a background with the Yxy color 60.4872, 0.3960, 0.3648.

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

60.4872, 0.3960, 0.3648

Protanopia

60.5461, 0.3542, 0.3780

Deuteranopia

60.5472, 0.3825, 0.3740



Tritanopia

60.5013, 0.3605, 0.3156

Trichromacy



Original Color

60.4872, 0.3960, 0.3648

Protanomaly

60.3738, 0.3690, 0.3730

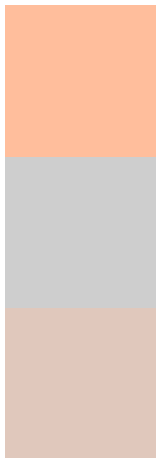
Deuteranomaly

60.5430, 0.3875, 0.3712

Tritanomaly

60.2195, 0.3740, 0.3334

Monochromacy



Original Color

60.4872, 0.3960, 0.3648

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.7867, 0.3409, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4872, 0.3960, 0.3648 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, 190, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 156)  
}
```

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, 190, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 156) }
```

Border

The CSS property to change the border of an element to Yxy 60.4872, 0.3960, 0.3648 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, 190, 156) }
```

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

```
.border{ border-color:rgb(255, 190, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4872, 0.3960, 0.3648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 156) }
```

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

```
.background{ background-color: rgb(255,  
190, 156) }
```

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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