

Converting Colors

Yxy(66.3422, 0.4193, 0.3635)

Have a look what the booklet for
Yxy(66.3422, 0.4193, 0.3635)
contains.

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Color

Yxy(60.8882, 0.3964, 0.3669)

Conversions

Conversions Part 1

Format	Color
Hex	FFBF9B
RGB	255, 191, 155
RGB Percent	100%, 75%, 61%
CMY	0.0000, 0.2509, 0.3923
CMYK	0.00, 0.25, 0.39, 0.00
HSL	22°, 100%, 80%
HSV	22°, 39%, 100%
XYZ	65.7838, 60.8882, 39.2811
YIQ	206.0320, 49.7000, 2.3720

Conversions

Conversions Part 2

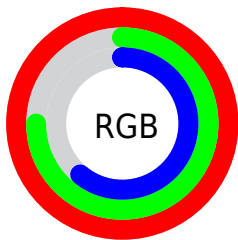
Format	Color
R_{YB}	255, 211, 155
Decimal	16760731
CIE _{Lab}	82.32, 18.49, 27.14
CIE _{LCh}	82, 32.840, 55.729
Yxy	60.8882, 0.3964, 0.3669
Android (android.graphics.Color)	4294950811 (0xFFFFBF9B)
YUV	206.0320, -25.1588, 42.9449
Hunter-Lab	78.0309, 13.9301, 24.7748

Details

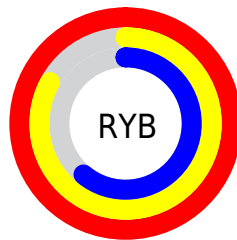
The Yxy color **60.8882, 0.3964, 0.3669** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.8237, 0.2519, 0.2871**, and the grayscale version is **61.8835, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4347, 0.3407, 0.3656**, and **30.6266, 0.4170, 0.3733** is the 20% darker color. If you saturate the color by 10%, you get **53.3998, 0.4262, 0.3762**, and if you desaturate by 10%, it is **69.3556, 0.3701, 0.3570**.

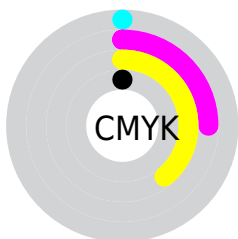
Distribution



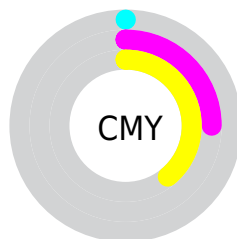
- Red (100%)
- Green (75%)
- Blue (61%)



- Red (100%)
- Yellow (83%)
- 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 60.8882, 0.3964, 0.3669 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 60.8882, 0.3964, 0.3669 by changing the saturation by 10% instead.


 60.8882, 0.3964,
0.3669

 60.8882, 0.3964,
0.3669


427.8640, 0.3562,
0.3503

 44.1349, 0.4058,
0.3704


 106.1170, 0.3822,
0.3614

 30.7766, 0.4176,
0.3744


 135.3614, 0.3768,
0.3592

 20.4288, 0.4326,
0.3792


169.5383, 0.3721,
0.3572

 12.7071, 0.4524,
0.3846

209.0321, 0.3681,
0.3555

 7.2272, 0.4791,
0.3905

254.2271, 0.3645,
0.3540

 3.6046, 0.5172,
0.3958

305.5079, 0.3614,

 1.4549, 0.5920,

0.3526

0.4080

363.2587, 0.3587,
0.3514

0.2567, 0.7304,
0.2696

0.0000, 0.0000,
0.0000

60.8882, 0.3964,
0.3669

60.8882, 0.3964,
0.3669

53.3998, 0.4262,
0.3762

69.3556, 0.3701,
0.3570

46.8445, 0.4591,
0.3838

78.8285, 0.3474,
0.3470

41.1849, 0.4936,
0.3886

89.3430, 0.3280,
0.3374

36.3778, 0.5275,
0.3892

99.9992, 0.3127,
0.3290

■ 32.3750, 0.5579,
0.3846

■ 29.1173, 0.5822,
0.3753

■ 28.8931, 0.5840,
0.3745

Harmonies

Analogous

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



60.8882, 0.3879, 0.3333



60.8882, 0.3964, 0.3669



60.8882, 0.3809, 0.3939

Triad

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



60.8882, 0.3964, 0.3669



60.8882, 0.2677, 0.3585



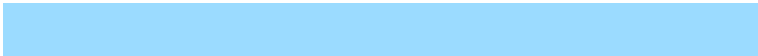
60.8882, 0.2752, 0.2622

Complementary

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



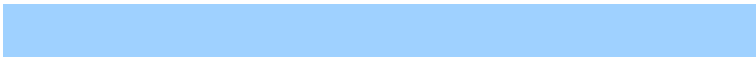
60.8882, 0.3964, 0.3669



64.8237, 0.2519, 0.2871

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.



60.8882, 0.2469, 0.2643



60.8882, 0.3964, 0.3669



60.8882, 0.2427, 0.3172

Square

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



60.8882, 0.3964, 0.3669



60.8882, 0.3057, 0.3923



60.8882, 0.2354, 0.2832



60.8882, 0.3154, 0.2754

Rectangle

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



60.8882, 0.3964, 0.3669



60.8882, 0.3599, 0.4035



60.8882, 0.2354, 0.2832



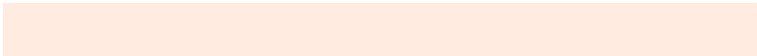
60.8882, 0.2641, 0.2611

Sweetspot

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



60.8911, 0.3964, 0.3669



86.3245, 0.3331, 0.3400



49.8579, 0.3475, 0.2630



18.1784, 0.3356, 0.3412



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.



60.8911, 0.3964, 0.3669



54.9879, 0.4193, 0.3742



85.9399, 0.3770, 0.4138



19.0583, 0.3285, 0.3376



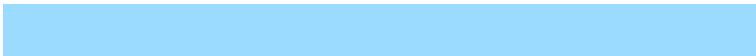
15.3543, 0.5810, 0.3769



1.6933, 0.5594, 0.3940

Inverse Universe

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



64.8237, 0.2519, 0.2871



59.3777, 0.2406, 0.2771



42.9243, 0.2426, 0.2267



19.3158, 0.2980, 0.3202



17.7746, 0.1906, 0.2062



1.9380, 0.1949, 0.2218

Previews

White Background



This preview shows how the Yxy color 60.8882, 0.3964, 0.3669 looks on a white background.

Color Contrast Check

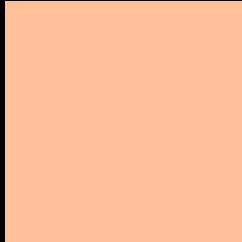
Large Text (above 18pt) WCAG AA × Fail

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 60.8882, 0.3964, 0.3669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

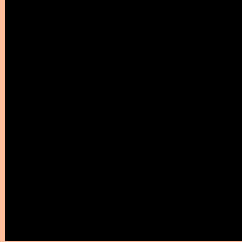
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.8882, 0.3964, 0.3669

Background



This preview shows how black text looks on a background with the Yxy color 60.8882, 0.3964, 0.3669.



This preview shows how white text looks on a background with the Yxy color 60.8882, 0.3964, 0.3669.

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

60.8882, 0.3964, 0.3669

Protanopia

61.1413, 0.3555, 0.3802

Deuteranopia

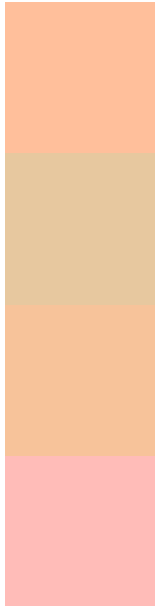
61.1428, 0.3838, 0.3759



Tritanopia

60.9708, 0.3595, 0.3157

Trichromacy



Original Color

60.8882, 0.3964, 0.3669

Protanomaly

60.8007, 0.3694, 0.3752

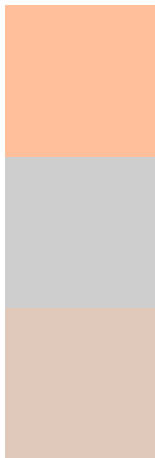
Deuteranomaly

61.1375, 0.3888, 0.3731

Tritanomaly

60.6871, 0.3728, 0.3334

Monochromacy



Original Color

60.8882, 0.3964, 0.3669

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.2084, 0.3415, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8882, 0.3964, 0.3669 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, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 155)  
}
```

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, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 155) }
```

Border

The CSS property to change the border of an element to Yxy 60.8882, 0.3964, 0.3669 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, 155) }
```

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

```
.border{ border-color:rgb(255, 191, 155) }
```

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, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8882, 0.3964, 0.3669 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, 155) }
```

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

```
.background{ background-color: rgb(255,  
191, 155) }
```

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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