

Converting Colors

Yxy(63.7734, 0.3890, 0.3668)

Have a look what the booklet for
Yxy(63.7734, 0.3890, 0.3668)
contains.

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Color

Yxy(63.7657, 0.3890, 0.3668)

Conversions

Conversions Part 1	
Format	Color
Hex	FFC5A1
RGB	255, 197, 161
RGB Percent	100%, 77%, 63%
CMY	0.0002, 0.2273, 0.3687
CMYK	0.00, 0.23, 0.37, 0.00
HSL	23°, 100%, 82%
HSV	23°, 37%, 100%
XYZ	67.6250, 63.7657, 42.4525
YIQ	210.2380, 46.1240, 1.1000

Conversions

Conversions Part 2

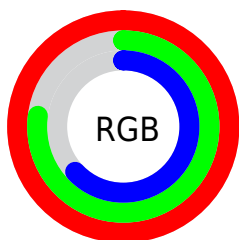
Format	Color
RYB	255, 219, 161
Decimal	16762273
CIELab	83.84, 16.01, 26.03
CIELCh	84, 30.562, 58.415
Yxy	63.7657, 0.3890, 0.3668
Android (android.graphics.Color)	4294952353 (0xFFFFC5A1)
YUV	210.2380, -24.2743, 39.2563
Hunter-Lab	79.8534, 11.4218, 24.3770

Details

The Yxy color **63.7657, 0.3890, 0.3668** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.4064, 0.2550, 0.2874**, and the grayscale version is **64.7523, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1015, 0.3359, 0.3662**, and **32.6194, 0.4088, 0.3744** is the 20% darker color. If you saturate the color by 10%, you get **56.1889, 0.4174, 0.3769**, and if you desaturate by 10%, it is **72.2760, 0.3640, 0.3562**.

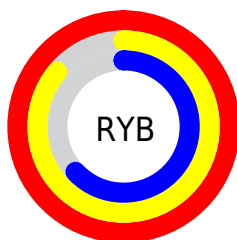
Distribution



Red (100%)

Green (77%)

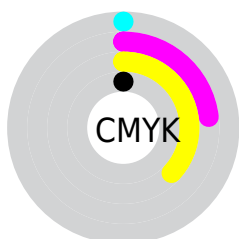
Blue (63%)



Red (100%)

Yellow (86%)

Blue (63%)

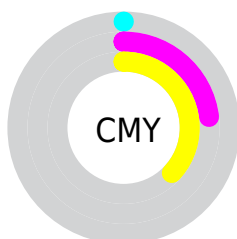


Cyan (0%)

Magenta (23%)

Yellow (37%)

Black (0%)



Cyan (0%)

Magenta (23%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.7657, 0.3890, 0.3668 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 63.7657, 0.3890, 0.3668 by changing the saturation by 10% instead.


 63.7657, 0.3890,
0.3668

 63.7657, 0.3890,
0.3668


438.3431, 0.3527,
0.3501

 46.4609, 0.3975,
0.3703


 110.2734, 0.3762,
0.3612

 32.6097, 0.4080,
0.3745


 140.2452, 0.3713,
0.3590

 21.8276, 0.4214,
0.3796


175.2081, 0.3671,
0.3570

 13.7303, 0.4390,
0.3855

215.5465, 0.3634,
0.3553

 7.9333, 0.4628,
0.3925

261.6448, 0.3602,
0.3538

 4.0523, 0.4962,
0.3996


313.8874, 0.3574,


 1.7029, 0.5747,

0.3524

0.4253


372.6587, 0.3549,
0.3512


 0.4255, 0.6514,
0.3486


 0.0000, 0.0000,
0.0000


 63.7657, 0.3890,
0.3668


 63.7657, 0.3890,
0.3668


 56.1889, 0.4174,
0.3769


 72.2760, 0.3640,
0.3562

 49.5026, 0.4487,
0.3856

 81.7428, 0.3424,
0.3456

 43.6736, 0.4819,
0.3917

 92.1993, 0.3238,
0.3356

 38.6628, 0.5151,
0.3939

99.9911, 0.3127,
0.3290

■ 34.4268, 0.5455,
0.3910

■ 30.9163, 0.5706,
0.3827

■ 29.9485, 0.5776,
0.3796

Harmonies

Analogous

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



63.7657, 0.3831, 0.3361



63.7657, 0.3890, 0.3668



63.7657, 0.3732, 0.3903

Triad

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



63.7657, 0.3890, 0.3668



63.7657, 0.2688, 0.3527



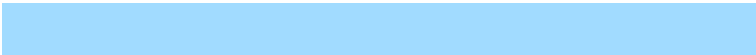
63.7657, 0.2813, 0.2679

Complementary

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



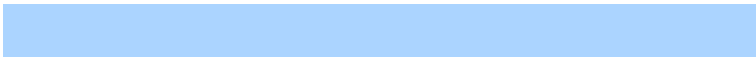
63.7657, 0.3890, 0.3668



65.4064, 0.2550, 0.2874

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.



63.7657, 0.2538, 0.2686



63.7657, 0.3890, 0.3668



63.7657, 0.2469, 0.3153

Square

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



63.7657, 0.3890, 0.3668



63.7657, 0.3031, 0.3845



63.7657, 0.2417, 0.2849



63.7657, 0.3189, 0.2813

Rectangle

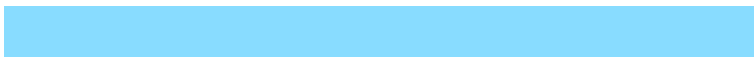
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.7657, 0.3890, 0.3668



63.7657, 0.3532, 0.3978



63.7657, 0.2417, 0.2849



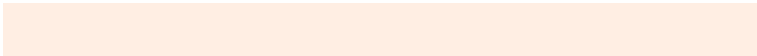
63.7657, 0.2707, 0.2665

Sweetspot

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



63.7687, 0.3890, 0.3668



87.7834, 0.3312, 0.3397



51.8451, 0.3475, 0.2700



18.4852, 0.3337, 0.3410



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.



63.7687, 0.3890, 0.3668



58.2869, 0.4089, 0.3741



88.5188, 0.3719, 0.4115



19.1293, 0.3285, 0.3382



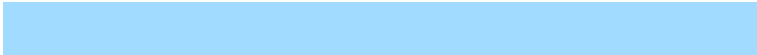
15.9215, 0.5746, 0.3819



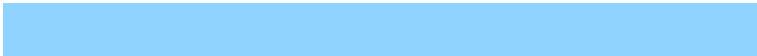
1.7538, 0.5535, 0.3987

Inverse Universe

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



65.4064, 0.2550, 0.2874



60.1095, 0.2443, 0.2778



44.2761, 0.2468, 0.2302



19.2425, 0.2979, 0.3197



16.7033, 0.1883, 0.1979



1.8379, 0.1929, 0.2144

Previews

White Background



This preview shows how the Yxy color 63.7657, 0.3890, 0.3668 looks on a white background.

Color Contrast Check

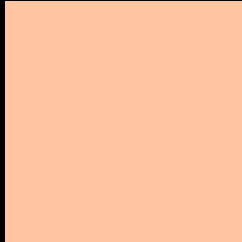
Large Text (above 18pt) WCAG AA × Fail

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 63.7657, 0.3890, 0.3668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

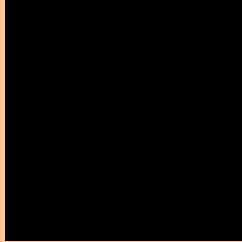
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.7657, 0.3890, 0.3668

Background



This preview shows how black text looks on a background with the Yxy color 63.7657, 0.3890, 0.3668.



This preview shows how white text looks on a background with the Yxy color 63.7657, 0.3890, 0.3668.

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

63.7657, 0.3890, 0.3668

Protanopia

64.0421, 0.3548, 0.3780

Deuteranopia

63.9042, 0.3808, 0.3731




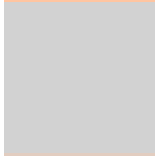

Tritanopia

63.8562, 0.3533, 0.3157

Trichromacy

	Original Color 63.7657, 0.3890, 0.3668
	Protanomaly 64.0051, 0.3673, 0.3744
	Deuteranomaly 63.9864, 0.3837, 0.3716
	Tritanomaly 63.5613, 0.3662, 0.3333

Monochromacy

	Original Color 63.7657, 0.3890, 0.3668
	Achromatopsia 64.4480, 0.3127, 0.3290
	Achromatomaly 63.6372, 0.3386, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.7657, 0.3890, 0.3668 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, 197, 161) looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 161)  
}
```

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, 197, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 161) }
```

Border

The CSS property to change the border of an element to Yxy 63.7657, 0.3890, 0.3668 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, 197, 161) }
```

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

```
.border{ border-color:rgb(255, 197, 161) }
```

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

Here you see how a box with a 4 pixel rgb(255, 197, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
161) }
```

Background

The CSS property to change the background color of an element to Yxy 63.7657, 0.3890, 0.3668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 161) }
```

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

```
.background{ background-color: rgb(255,  
197, 161) }
```

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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