

Converting Colors

$Y_{xy}(61.9652, 0.3955, 0.3695)$

Have a look what the booklet for
Yxy(61.9652, 0.3955, 0.3695)
contains.

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Color

Yxy(61.7665, 0.3955, 0.3689)

Conversions

Conversions Part 1

Format	Color
Hex	FFC19B
RGB	255, 193, 155
RGB Percent	100%, 76%, 61%
CMY	0.0001, 0.2431, 0.3921
CMYK	0.00, 0.24, 0.39, 0.00
HSL	23°, 100%, 80%
HSV	23°, 39%, 100%
XYZ	66.2203, 61.7665, 39.4475
YIQ	207.2060, 49.1500, 1.3260

Conversions

Conversions Part 2

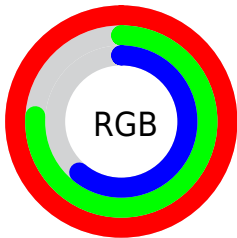
Format	Color
R _Y B	255, 216, 155
Decimal	16761243
CIE Lab	82.79, 17.44, 27.75
CIE LCh	83, 32.775, 57.850
Yxy	61.7665, 0.3955, 0.3689
Android (android.graphics.Color)	4294951323 (0xFFFFC19B)
YUV	207.2060, -25.7376, 41.9153
Hunter-Lab	78.5917, 12.8662, 25.2547

Details

The Yxy color **61.7665, 0.3955, 0.3689** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.7994, 0.2515, 0.2847**, and the grayscale version is **62.6835, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2844, 0.3402, 0.3684**, and **31.1803, 0.4167, 0.3772** is the 20% darker color. If you saturate the color by 10%, you get **54.3823, 0.4247, 0.3787**, and if you desaturate by 10%, it is **70.0842, 0.3696, 0.3584**.

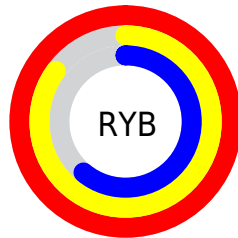
Distribution



Red (100%)

Green (76%)

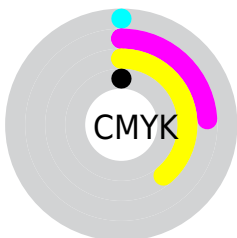
Blue (61%)



Red (100%)

Yellow (85%)

Blue (61%)

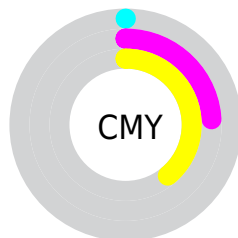


Cyan (0%)

Magenta (24%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (24%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.7665, 0.3955, 0.3689 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 61.7665, 0.3955, 0.3689 by changing the saturation by 10% instead.


 61.7665, 0.3955,
0.3689


 61.7665, 0.3955,
0.3689


431.0788, 0.3559,
0.3513

 44.8441, 0.4048,
0.3726

 107.3880, 0.3815,
0.3630

 31.3346, 0.4163,
0.3769


 136.8558, 0.3762,
0.3607

 20.8538, 0.4310,
0.3820


171.2742, 0.3716,
0.3586

 13.0172, 0.4502,
0.3880

211.0276, 0.3676,
0.3568

 7.4404, 0.4762,
0.3945

256.5004, 0.3641,
0.3552

 3.7390, 0.5129,
0.4007

308.0769, 0.3610,

 1.5287, 0.5851,

0.3538

0.4149

366.1416, 0.3583,
0.3525

0.3088, 0.6996,
0.3004

0.0000, 0.0000,
0.0000

61.7665, 0.3955,
0.3689

61.7665, 0.3955,
0.3689

54.3823, 0.4247,
0.3787

70.0842, 0.3696,
0.3584

47.8879, 0.4568,
0.3868

79.3594, 0.3472,
0.3479

42.2489, 0.4903,
0.3920

89.6259, 0.3279,
0.3378

37.4248, 0.5233,
0.3930

99.9952, 0.3127,
0.3290

■ 33.3707, 0.5528,
0.3888

■ 30.0312, 0.5768,
0.3796

■ 29.7927, 0.5785,
0.3788

Harmonies

Analogous

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



61.7665, 0.3888, 0.3357



61.7665, 0.3955, 0.3689



61.7665, 0.3786, 0.3949

Triad

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



61.7665, 0.3955, 0.3689



61.7665, 0.2658, 0.3555



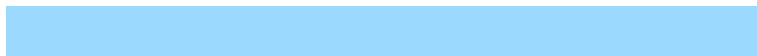
61.7665, 0.2780, 0.2631

Complementary

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



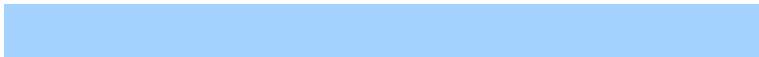
61.7665, 0.3955, 0.3689



63.7994, 0.2515, 0.2847

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.



61.7665, 0.2488, 0.2640



61.7665, 0.3955, 0.3689



61.7665, 0.2420, 0.3146

Square

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



61.7665, 0.3955, 0.3689



61.7665, 0.3029, 0.3900



61.7665, 0.2361, 0.2816



61.7665, 0.3184, 0.2772

Rectangle

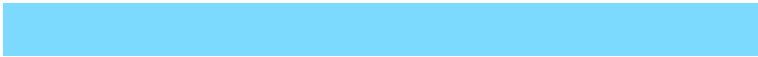
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.7665, 0.3955, 0.3689



61.7665, 0.3570, 0.4035



61.7665, 0.2361, 0.2816



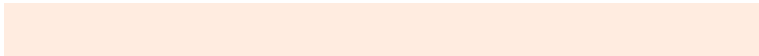
61.7665, 0.2667, 0.2616

Sweetspot

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



61.7694, 0.3955, 0.3689



86.6737, 0.3330, 0.3406



49.7812, 0.3490, 0.2646



18.2603, 0.3355, 0.3419



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.



61.7694, 0.3955, 0.3689



55.9452, 0.4180, 0.3766



86.9162, 0.3764, 0.4152



19.1188, 0.3285, 0.3381



15.8357, 0.5756, 0.3812



1.7447, 0.5543, 0.3981

Inverse Universe

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



63.7994, 0.2515, 0.2847



58.1984, 0.2401, 0.2741



42.3199, 0.2423, 0.2247



19.2532, 0.2979, 0.3197



16.8573, 0.1886, 0.1991



1.8523, 0.1932, 0.2155

Previews

White Background



This preview shows how the Yxy color 61.7665, 0.3955, 0.3689 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 61.7665, 0.3955, 0.3689 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 61.7665, 0.3955, 0.3689

Background



This preview shows how black text looks on a background with the Yxy color 61.7665, 0.3955, 0.3689.



This preview shows how white text looks on a background with the Yxy color 61.7665, 0.3955, 0.3689.

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

61.7665, 0.3955, 0.3689

Protanopia

61.9315, 0.3569, 0.3810

Deuteranopia

61.9544, 0.3851, 0.3767



Tritanopia

61.9195, 0.3574, 0.3157

Trichromacy



Original Color

61.7665, 0.3955, 0.3689

Protanomaly

61.6001, 0.3708, 0.3760

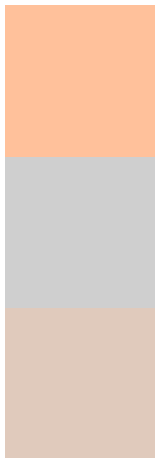
Deuteranomaly

61.7694, 0.3892, 0.3740

Tritanomaly

61.5897, 0.3714, 0.3344

Monochromacy



Original Color

61.7665, 0.3955, 0.3689

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.7192, 0.3406, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7665, 0.3955, 0.3689 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, 193, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 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, 193, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 155) }
```

Border

The CSS property to change the border of an element to Yxy 61.7665, 0.3955, 0.3689 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, 193, 155) }
```

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

```
.border{ border-color:rgb(255, 193, 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, 193, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7665, 0.3955, 0.3689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 155) }
```

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

```
.background{ background-color: rgb(255,  
193, 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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