

Converting Colors

$Y_{xy}(62.6233, 0.3955, 0.3720)$

Have a look what the booklet for
Yxy(62.6233, 0.3955, 0.3720)
contains.

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Color

Yxy(62.6233, 0.3955, 0.3720)

Conversions

Conversions Part 1

Format	Color
Hex	FFC39A
RGB	255, 195, 154
RGB Percent	100%, 76%, 60%
CMY	0.0001, 0.2352, 0.3962
CMYK	0.00, 0.24, 0.40, 0.00
HSL	24°, 100%, 80%
HSV	24°, 40%, 100%
XYZ	66.5793, 62.6233, 39.1396
YIQ	208.2660, 48.9210, -0.0310

Conversions

Conversions Part 2

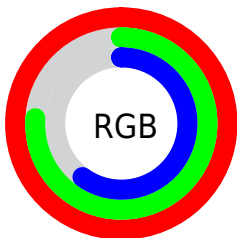
Format	Color
R _Y B	255, 223, 154
Decimal	16761754
CIE Lab	83.24, 16.28, 28.90
CIE LCh	83, 33.174, 60.610
Yxy	62.6233, 0.3955, 0.3720
Android (android.graphics.Color)	4294951834 (0xFFFFC39A)
YUV	208.2660, -26.7531, 40.9857
Hunter-Lab	79.1349, 11.6931, 26.0700

Details

The Yxy color $62.6233, 0.3955, 0.3720$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $62.1454, 0.2504, 0.2809$, and the grayscale version is $63.4111, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.4843, 0.3405, 0.3713$, and $31.7648, 0.4154, 0.3798$ is the 20% darker color. If you saturate the color by 10%, you get $55.4216, 0.4241, 0.3824$, and if you desaturate by 10%, it is $70.6990, 0.3700, 0.3608$.

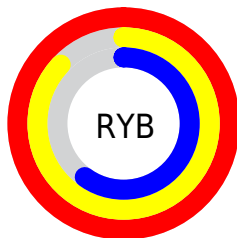
Distribution



Red (100%)

Green (76%)

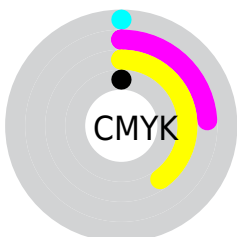
Blue (60%)



Red (100%)

Yellow (87%)

Blue (60%)

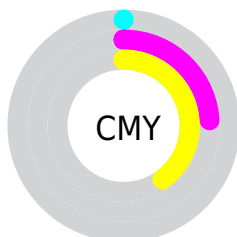


Cyan (0%)

Magenta (24%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.6233, 0.3955, 0.3720 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 62.6233, 0.3955, 0.3720 by changing the saturation by 10% instead.


 62.6233, 0.3955,
0.3720


 62.6233, 0.3955,
0.3720


434.2011, 0.3560,
0.3530

 45.5365, 0.4047,
0.3760


 108.6259, 0.3816,
0.3657

 31.8802, 0.4161,
0.3807


 138.3105, 0.3763,
0.3631

 21.2700, 0.4306,
0.3863


172.9631, 0.3717,
0.3609

 13.3215, 0.4495,
0.3929

212.9682, 0.3677,
0.3589

 7.6503, 0.4748,
0.4002

258.7102, 0.3642,
0.3572

 3.8720, 0.5103,
0.4075

310.5734, 0.3612,

 1.6022, 0.5778,

0.3556

0.4222

368.9422, 0.3584,
0.3543

0.3591, 0.6729,
0.3271

0.0000, 0.0000,
0.0000

62.6233, 0.3955,
0.3720

62.6233, 0.3955,
0.3720

55.4216, 0.4241,
0.3824

70.6990, 0.3700,
0.3608

49.0531, 0.4551,
0.3911

79.6698, 0.3478,
0.3496

43.4864, 0.4875,
0.3967

89.5671, 0.3286,
0.3388

38.6846, 0.5190,
0.3981

99.9952, 0.3127,
0.3290

■ 34.6062, 0.5473,
0.3941

■ 31.1987, 0.5703,
0.3851

■ 31.0780, 0.5712,
0.3847

Harmonies

Analogous

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



62.6233, 0.3910, 0.3389



62.6233, 0.3955, 0.3720



62.6233, 0.3765, 0.3971

Triad

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



62.6233, 0.3955, 0.3720



62.6233, 0.2625, 0.3519



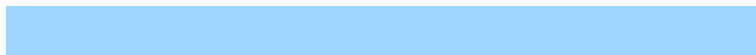
62.6233, 0.2811, 0.2633

Complementary

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



62.6233, 0.3955, 0.3720



62.1454, 0.2504, 0.2809

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.



62.6233, 0.2504, 0.2628



62.6233, 0.3955, 0.3720



62.6233, 0.2402, 0.3109

Square

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



62.6233, 0.3955, 0.3720



62.6233, 0.2990, 0.3880



62.6233, 0.2360, 0.2789



62.6233, 0.3224, 0.2788

Rectangle

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



62.6233, 0.3955, 0.3720



62.6233, 0.3539, 0.4046



62.6233, 0.2360, 0.2789



62.6233, 0.2693, 0.2614

Sweetspot

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



62.6263, 0.3955, 0.3720



87.1363, 0.3329, 0.3414



49.2434, 0.3526, 0.2672



18.3688, 0.3354, 0.3428



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.



62.6263, 0.3955, 0.3720



56.5373, 0.4193, 0.3808



88.8168, 0.3758, 0.4189



19.1990, 0.3284, 0.3387



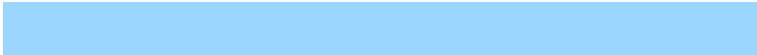
16.5175, 0.5682, 0.3870



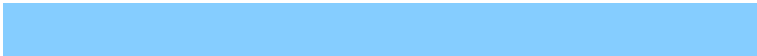
1.8162, 0.5476, 0.4034

Inverse Universe

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



62.1454, 0.2504, 0.2809



55.9617, 0.2379, 0.2686



40.6647, 0.2409, 0.2193



19.1708, 0.2979, 0.3191



15.7021, 0.1861, 0.1897



1.7436, 0.1909, 0.2072

Previews

White Background



This preview shows how the Yxy color 62.6233, 0.3955, 0.3720 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 62.6233, 0.3955, 0.3720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

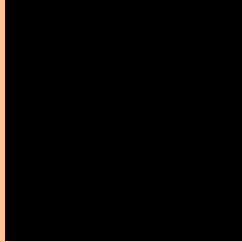
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.6233, 0.3955, 0.3720

Background



This preview shows how black text looks on a background with the Yxy color 62.6233, 0.3955, 0.3720.



This preview shows how white text looks on a background with the Yxy color 62.6233, 0.3955, 0.3720.

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

62.6233, 0.3955, 0.3720

Protanopia

62.6933, 0.3590, 0.3829

Deuteranopia

62.5592, 0.3863, 0.3786



Tritanopia

62.3987, 0.3563, 0.3157

Trichromacy



Original Color

62.6233, 0.3955, 0.3720

Protanomaly

62.6729, 0.3717, 0.3791

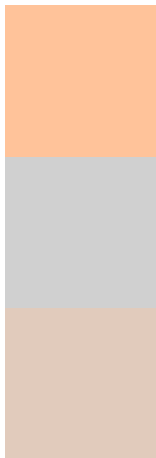
Deuteranomaly

62.8278, 0.3900, 0.3769

Tritanomaly

62.4621, 0.3709, 0.3365

Monochromacy



Original Color

62.6233, 0.3955, 0.3720

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.3503, 0.3412, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6233, 0.3955, 0.3720 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, 195, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 154)  
}
```

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, 195, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 154) }
```

Border

The CSS property to change the border of an element to Yxy 62.6233, 0.3955, 0.3720 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, 195, 154) }
```

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

```
.border{ border-color:rgb(255, 195, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6233, 0.3955, 0.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 154) }
```

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

```
.background{ background-color: rgb(255,  
195, 154) }
```

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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