

Converting Colors

$Y_{xy}(62.1556, 0.3956, 0.3705)$

Have a look what the booklet for
Yxy(62.1556, 0.3956, 0.3705)
contains.

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Color

Yxy(62.1767, 0.3959, 0.3709)

Conversions

Conversions Part 1

Format	Color
Hex	FFC29A
RGB	255, 194, 154
RGB Percent	100%, 76%, 60%
CMY	0.0000, 0.2392, 0.3959
CMYK	0.00, 0.24, 0.40, 0.00
HSL	24°, 100%, 80%
HSV	24°, 40%, 100%
XYZ	66.3676, 62.1767, 39.0930
YIQ	207.6790, 49.1960, 0.4920

Conversions

Conversions Part 2

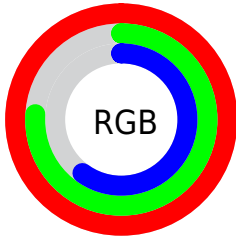
Format	Color
R _Y B	255, 220, 154
Decimal	16761498
CIE Lab	83.01, 16.83, 28.55
CIE LCh	83, 33.144, 59.486
Yxy	62.1767, 0.3959, 0.3709
Android (android.graphics.Color)	4294951578 (0xFFFFC29A)
YUV	207.6790, -26.4637, 41.5005
Hunter-Lab	78.8522, 12.2470, 25.8020

Details

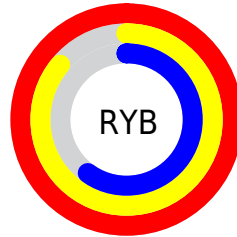
The Yxy color $62.1767, 0.3959, 0.3709$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $62.7152, 0.2507, 0.2823$, and the grayscale version is $63.0119, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.8578, 0.3406, 0.3703$, and $31.4712, 0.4160, 0.3785$ is the 20% darker color. If you saturate the color by 10%, you get $54.9114, 0.4248, 0.3811$, and if you desaturate by 10%, it is $70.3389, 0.3702, 0.3600$.

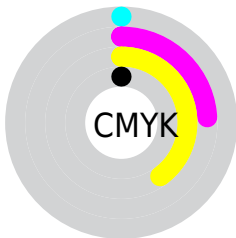
Distribution



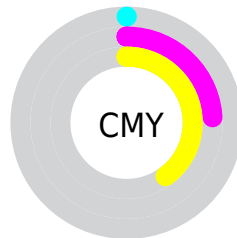
- Red (100%)
- Green (76%)
- Blue (60%)



- Red (100%)
- Yellow (86%)
- 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 62.1767, 0.3959, 0.3709 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 62.1767, 0.3959, 0.3709 by changing the saturation by 10% instead.


 62.1767, 0.3959,
0.3709


 62.1767, 0.3959,
0.3709

432.5753, 0.3561,
0.3524

 45.1755, 0.4052,
0.3748


 107.9809, 0.3819,
0.3647

 31.5957, 0.4167,
0.3794


 137.5526, 0.3765,
0.3623

 21.0529, 0.4313,
0.3848


172.0833, 0.3719,
0.3601

 13.1626, 0.4505,
0.3911

211.9574, 0.3679,
0.3582

 7.5406, 0.4762,
0.3981

257.5593, 0.3644,
0.3565

 3.8025, 0.5124,
0.4049

309.2733, 0.3613,

 1.5637, 0.5813,

0.3550

0.4187

367.4838, 0.3586,
0.3536

0.3329, 0.6860,
0.3140

0.0000, 0.0000,
0.0000

62.1767, 0.3959,
0.3709

62.1767, 0.3959,
0.3709

54.9114, 0.4248,
0.3811

70.3389, 0.3702,
0.3600

48.5019, 0.4563,
0.3895

79.4211, 0.3479,
0.3491

42.9153, 0.4891,
0.3949

89.4554, 0.3286,
0.3385

38.1130, 0.5212,
0.3960

100.0000, 0.3127,
0.3290

■ 34.0525, 0.5499,
0.3918

■ 30.6793, 0.5733,
0.3827

■ 30.5543, 0.5742,
0.3823

Harmonies

Analogous

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



62.1767, 0.3905, 0.3376



62.1767, 0.3959, 0.3709



62.1767, 0.3776, 0.3965

Triad

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



62.1767, 0.3959, 0.3709



62.1767, 0.2636, 0.3535



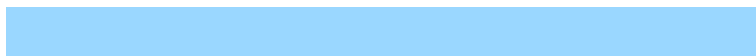
62.1767, 0.2797, 0.2629

Complementary

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



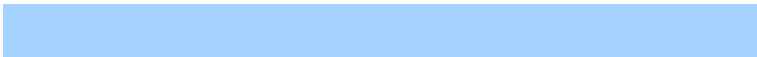
62.1767, 0.3959, 0.3709



62.7152, 0.2507, 0.2823

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.



62.1767, 0.2494, 0.2630



62.1767, 0.3959, 0.3709



62.1767, 0.2406, 0.3123

Square

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



62.1767, 0.3959, 0.3709



62.1767, 0.3005, 0.3892



62.1767, 0.2357, 0.2798



62.1767, 0.3208, 0.2779

Rectangle

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



62.1767, 0.3959, 0.3709



62.1767, 0.3554, 0.4045



62.1767, 0.2357, 0.2798



62.1767, 0.2680, 0.2612

Sweetspot

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



62.1794, 0.3959, 0.3709



86.9497, 0.3330, 0.3410



49.3586, 0.3510, 0.2656



18.3250, 0.3354, 0.3424



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.



62.1794, 0.3959, 0.3709



56.0096, 0.4200, 0.3795



87.8284, 0.3764, 0.4175



19.1666, 0.3284, 0.3385



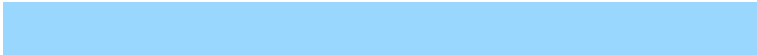
16.2364, 0.5712, 0.3846



1.7869, 0.5503, 0.4012

Inverse Universe

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



62.7152, 0.2507, 0.2823



56.5831, 0.2382, 0.2703



41.3016, 0.2412, 0.2215



19.2040, 0.2979, 0.3194



16.1600, 0.1871, 0.1935



1.7868, 0.1918, 0.2105

Previews

White Background



This preview shows how the Yxy color 62.1767, 0.3959, 0.3709 looks on a white background.

Color Contrast Check

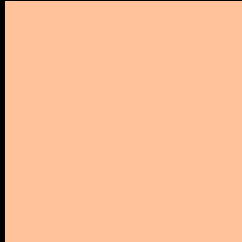
Large Text (above 18pt) WCAG AA × Fail

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 62.1767, 0.3959, 0.3709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

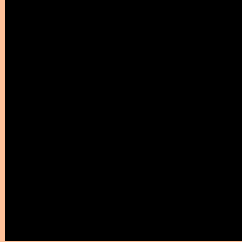
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.1767, 0.3959, 0.3709

Background



This preview shows how black text looks on a background with the Yxy color 62.1767, 0.3959, 0.3709.



This preview shows how white text looks on a background with the Yxy color 62.1767, 0.3959, 0.3709.

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

62.1767, 0.3959, 0.3709

Protanopia

62.5359, 0.3582, 0.3830

Deuteranopia

62.1006, 0.3867, 0.3776



Tritanopia

62.3512, 0.3572, 0.3167

Trichromacy



Original Color

62.1767, 0.3959, 0.3709

Protanomaly

62.0333, 0.3712, 0.3782

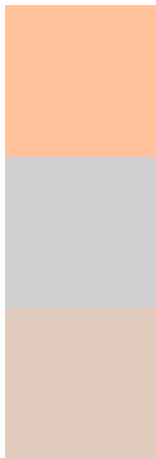
Deuteranomaly

62.3721, 0.3905, 0.3759

Tritanomaly

62.0244, 0.3711, 0.3354

Monochromacy



Original Color

62.1767, 0.3959, 0.3709

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 62.1767, 0.3959, 0.3709 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, 194, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 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, 194, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 154) }
```

Border

The CSS property to change the border of an element to Yxy 62.1767, 0.3959, 0.3709 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, 194, 154) }
```

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

```
.border{ border-color:rgb(255, 194, 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, 194, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1767, 0.3959, 0.3709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 154) }
```

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

```
.background{ background-color: rgb(255,  
194, 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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