

Converting Colors

$Yxy(62.1899, 0.3856, 0.3564)$

Have a look what the booklet for
Yxy(62.1899, 0.3856, 0.3564)
contains.

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Color

Yxy(62.1899, 0.3856, 0.3564)

Conversions

Conversions Part 1

Format	Color
Hex	FFC1A7
RGB	255, 193, 167
RGB Percent	100%, 76%, 65%
CMY	0.0000, 0.2431, 0.3451
CMYK	0.00, 0.24, 0.35, 0.00
HSL	18°, 100%, 83%
HSV	18°, 35%, 100%
XYZ	67.2851, 62.1899, 45.0196
YIQ	208.5740, 45.2980, 5.0580

Conversions

Conversions Part 2

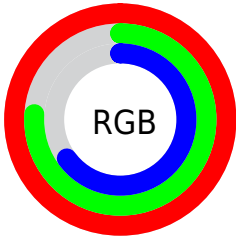
Format	Color
R _Y B	255, 204, 167
Decimal	16761255
CIE Lab	83.01, 18.83, 21.72
CIE LCh	83, 28.746, 49.069
Yxy	62.1899, 0.3856, 0.3564
Android (android.graphics.Color)	4294951335 (0xFFFFC1A7)
YUV	208.5740, -20.4960, 40.7156
Hunter-Lab	78.8606, 14.2931, 21.3552

Details

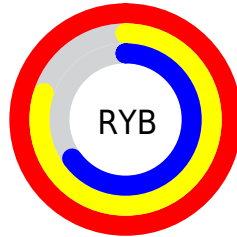
The Yxy color **62.1899, 0.3856, 0.3564** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **71.4750, 0.2599, 0.2995**, and the grayscale version is **63.5844, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9051, 0.3328, 0.3564**, and **31.5734, 0.4046, 0.3613** is the 20% darker color. If you saturate the color by 10%, you get **53.8739, 0.4154, 0.3644**, and if you desaturate by 10%, it is **71.6626, 0.3600, 0.3481**.

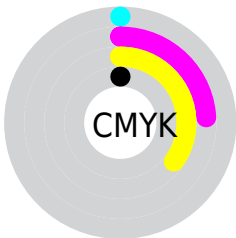
Distribution



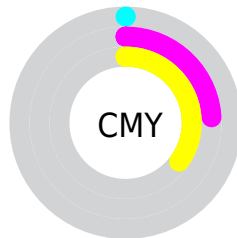
- Red (100%)
- Green (76%)
- Blue (65%)



- Red (100%)
- Yellow (80%)
- Blue (65%)



- Cyan (0%)
- Magenta (24%)
- Yellow (35%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1899, 0.3856, 0.3564 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 62.1899, 0.3856, 0.3564 by changing the saturation by 10% instead.


 62.1899, 0.3856,
0.3564

 62.1899, 0.3856,
0.3564


432.6234, 0.3506,
0.3444

 45.1862, 0.3939,
0.3589


 107.9999, 0.3732,
0.3524

 31.6041, 0.4042,
0.3618


 137.5750, 0.3685,
0.3508

 21.0593, 0.4174,
0.3653


172.1094, 0.3644,
0.3494

 13.1673, 0.4349,
0.3694

211.9873, 0.3609,
0.3482

 7.5439, 0.4591,
0.3739

257.5933, 0.3579,
0.3471

 3.8045, 0.4941,
0.3781

309.3118, 0.3552,

 1.5648, 0.5838,

0.3461

0.4032

367.5270, 0.3528,
0.3452

0.3337, 0.6995,
0.3005

0.0000, 0.0000,
0.0000

62.1899, 0.3856,
0.3564

62.1899, 0.3856,
0.3564

53.8739, 0.4154,
0.3644

71.6626, 0.3600,
0.3481

46.6604, 0.4493,
0.3713

82.3261, 0.3382,
0.3400

40.5038, 0.4861,
0.3761

94.2236, 0.3200,
0.3323

35.3515, 0.5238,
0.3775

99.9998, 0.3127,
0.3290

■ 31.1458, 0.5590,
0.3746

■ 27.8222, 0.5879,
0.3668

■ 26.3388, 0.6006,
0.3613

Harmonies

Analogous

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



62.1899, 0.3735, 0.3265



62.1899, 0.3856, 0.3564



62.1899, 0.3768, 0.3816

Triad

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



62.1899, 0.3856, 0.3564



62.1899, 0.2803, 0.3621



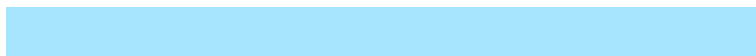
62.1899, 0.2734, 0.2695

Complementary

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



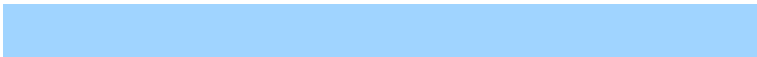
62.1899, 0.3856, 0.3564



71.4750, 0.2599, 0.2995

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.



62.1899, 0.2514, 0.2749



62.1899, 0.3856, 0.3564



62.1899, 0.2551, 0.3269

Square

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



62.1899, 0.3856, 0.3564



62.1899, 0.3150, 0.3877



62.1899, 0.2449, 0.2950



62.1899, 0.3070, 0.2783

Rectangle

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



62.1899, 0.3856, 0.3564



62.1899, 0.3608, 0.3919



62.1899, 0.2449, 0.2950



62.1899, 0.2646, 0.2697

Sweetspot

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



62.1928, 0.3856, 0.3564



87.5335, 0.3296, 0.3365



54.6170, 0.3370, 0.2654



18.3824, 0.3322, 0.3376



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.



62.1928, 0.3856, 0.3564



56.6633, 0.4045, 0.3617



84.0031, 0.3708, 0.3984



18.8616, 0.3287, 0.3361



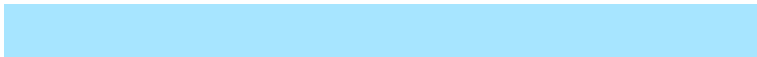
13.9867, 0.5977, 0.3636



1.5418, 0.5756, 0.3812

Inverse Universe

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



71.4750, 0.2599, 0.2995



67.1165, 0.2506, 0.2930



50.5845, 0.2530, 0.2482



19.5217, 0.2980, 0.3218



21.0285, 0.1971, 0.2295



2.2375, 0.2006, 0.2422

Previews

White Background



This preview shows how the Yxy color 62.1899, 0.3856, 0.3564 looks on a white background.

Color Contrast Check

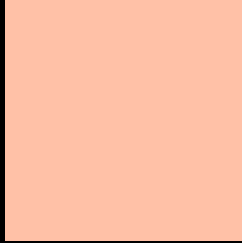
Large Text (above 18pt) WCAG AA × Fail

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 62.1899, 0.3856, 0.3564 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 62.1899, 0.3856, 0.3564

Background



This preview shows how black text looks on a background with the Yxy color 62.1899, 0.3856, 0.3564.



This preview shows how white text looks on a background with the Yxy color 62.1899, 0.3856, 0.3564.

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

62.1899, 0.3856, 0.3564

Protanopia

62.5871, 0.3453, 0.3671

Deuteranopia

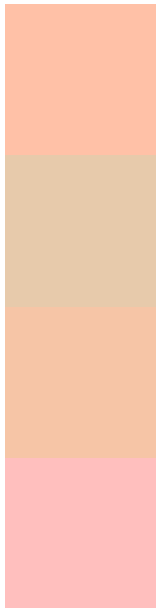
62.3008, 0.3726, 0.3651



Tritanopia

62.3987, 0.3563, 0.3157

Trichromacy



Original Color

62.1899, 0.3856, 0.3564

Protanomaly

62.1703, 0.3595, 0.3638

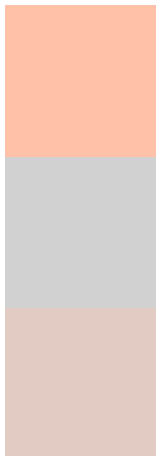
Deuteranomaly

62.2785, 0.3775, 0.3625

Tritanomaly

62.2393, 0.3669, 0.3302

Monochromacy



Original Color

62.1899, 0.3856, 0.3564

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.7757, 0.3374, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1899, 0.3856, 0.3564 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 167) }
```

Border

The CSS property to change the border of an element to Yxy 62.1899, 0.3856, 0.3564 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, 167) }
```

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

```
.border{ border-color:rgb(255, 193, 167) }
```

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, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
167) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 62.1899, 0.3856, 0.3564$ 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, 167) }
```

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

```
.background{ background-color: rgb(255,  
193, 167) }
```

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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