

# Converting Colors

$Yxy(62.3471, 0.3794, 0.3547)$

Have a look what the booklet for  
Yxy(62.3471, 0.3794, 0.3547)  
contains.

<b>Yxy(62.6279, 0.3799, 0.3556)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(62.6279, 0.3799, 0.3556)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCC3AA
RGB	252, 195, 170
RGB Percent	99%, 76%, 67%
CMY	0.0119, 0.2352, 0.3334
CMYK	0.00, 0.23, 0.33, 0.01
HSL	18°, 93%, 83%
HSV	18°, 33%, 99%
XYZ	66.9076, 62.6279, 46.5835
YIQ	209.1930, 41.9970, 4.3090

# Conversions

## Conversions Part 2

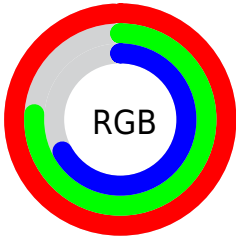
Format	Color
R <sub>Y</sub> B	252, 206, 170
Decimal	16565162
CIE Lab	83.25, 17.00, 20.41
CIE LCh	83, 26.563, 50.213
Yxy	62.6279, 0.3799, 0.3556
Android (android.graphics.Color)	4294755242 (0xFFFC3AA)
YUV	209.1930, -19.3221, 37.5417
Hunter-Lab	79.1378, 12.4229, 20.4961

# Details

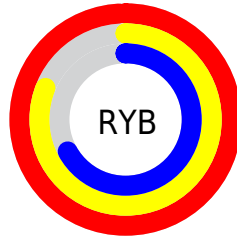
The Yxy color **62.6279, 0.3799, 0.3556** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **70.4768, 0.2627, 0.3005**, and the grayscale version is **64.0011, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3170, 0.3307, 0.3553**, and **31.8271, 0.3968, 0.3604** is the 20% darker color. If you saturate the color by 10%, you get **54.3764, 0.4086, 0.3639**, and if you desaturate by 10%, it is **71.9876, 0.3552, 0.3471**.

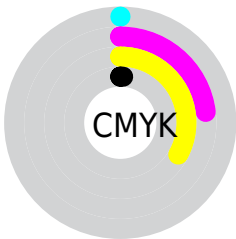
# Distribution



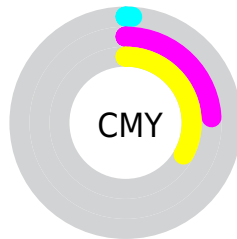
- Red (99%)
- Green (76%)
- Blue (67%)



- Red (99%)
- Yellow (81%)
- Blue (67%)



- Cyan (0%)
- Magenta (23%)
- Yellow (33%)
- Black (1%)




- Cyan (1%)
- Magenta (24%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 62.6279, 0.3799, 0.3556 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 62.6279, 0.3799, 0.3556 by changing the saturation by 10% instead.




 62.6279, 0.3799,  
0.3556

 62.6279, 0.3799,  
0.3556

434.2178, 0.3477,  
0.3439

 45.5402, 0.3875,  
0.3581


 108.6325, 0.3685,  
0.3517

 31.8832, 0.3970,  
0.3611


138.3183, 0.3642,  
0.3501

 21.2723, 0.4092,  
0.3646


172.9722, 0.3604,  
0.3487

 13.3232, 0.4254,  
0.3689

212.9786, 0.3572,  
0.3475

 7.6515, 0.4477,  
0.3739

258.7220, 0.3544,  
0.3464

 3.8727, 0.4803,  
0.3791

310.5867, 0.3519,

 1.6026, 0.5568,

0.3455

0.4008

368.9572, 0.3497,  
0.3446

0.3594, 0.6780,  
0.3220

0.0000, 0.0000,  
0.0000

62.6279, 0.3799,  
0.3556

62.6279, 0.3799,  
0.3556

54.3764, 0.4086,  
0.3639

71.9876, 0.3552,  
0.3471

47.1821, 0.4414,  
0.3714

82.4864, 0.3343,  
0.3388

41.0030, 0.4773,  
0.3769

94.1649, 0.3167,  
0.3309

35.7907, 0.5146,  
0.3793

99.4308, 0.3108,  
0.3290

■ 31.4922, 0.5501,  
0.3774

■ 28.0485, 0.5803,  
0.3707

■ 25.9895, 0.5981,  
0.3633

# Harmonies

## Analogous

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



62.6279, 0.3694, 0.3279



62.6279, 0.3799, 0.3556



62.6279, 0.3712, 0.3784

# Triad

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



62.6279, 0.3799, 0.3556



62.6279, 0.2817, 0.3583



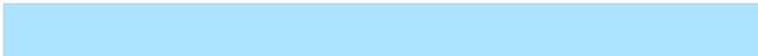
62.6279, 0.2775, 0.2739

# Complementary

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



62.6279, 0.3799, 0.3556



70.4768, 0.2627, 0.3005

# 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.



62.6279, 0.2565, 0.2786



62.6279, 0.3799, 0.3556



62.6279, 0.2588, 0.3260

# Square

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



62.6279, 0.3799, 0.3556



62.6279, 0.3137, 0.3822



62.6279, 0.2499, 0.2969



62.6279, 0.3088, 0.2825



# Rectangle

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



62.6279, 0.3799, 0.3556



62.6279, 0.3561, 0.3874



62.6279, 0.2499, 0.2969



62.6279, 0.2691, 0.2740

# Sweetspot

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



62.6308, 0.3799, 0.3556



87.6792, 0.3296, 0.3367



55.0012, 0.3364, 0.2704



18.4175, 0.3322, 0.3378



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.



62.6308, 0.3799, 0.3556



58.7271, 0.3981, 0.3611



83.3400, 0.3668, 0.3957



18.0894, 0.3286, 0.3363



13.7680, 0.5951, 0.3657

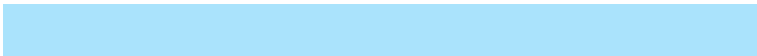


1.4537, 0.5719, 0.3841



# Inverse Universe

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



70.4768, 0.2627, 0.3005



67.8964, 0.2532, 0.2939



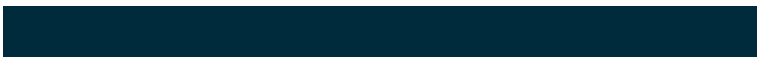
50.8500, 0.2566, 0.2520



18.6616, 0.2980, 0.3216



19.9164, 0.1961, 0.2261



2.0317, 0.2000, 0.2398



# Previews

## White Background



This preview shows how the Yxy color 62.6279, 0.3799, 0.3556 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

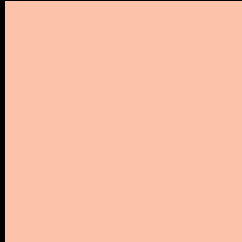
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 62.6279, 0.3799, 0.3556 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

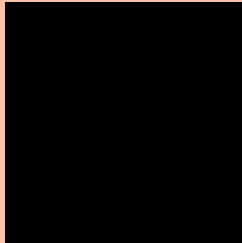
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 62.6279, 0.3799, 0.3556**

## Background



This preview shows how black text looks on a background with the Yxy color 62.6279, 0.3799, 0.3556.



This preview shows how white text looks on a background with the Yxy color 62.6279, 0.3799, 0.3556.

# 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

62.6279, 0.3799, 0.3556

### Protanopia

62.8203, 0.3446, 0.3647

### Deuteranopia

62.8739, 0.3699, 0.3629



## Tritanopia

62.4947, 0.3547, 0.3136

# Trichromacy



**Original Color**

62.6279, 0.3799, 0.3556

**Protanomaly**

62.7568, 0.3569, 0.3615

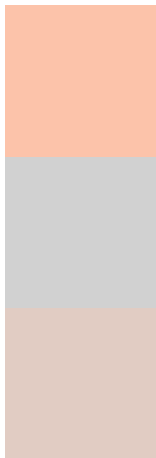
**Deuteranomaly**

62.6652, 0.3739, 0.3604

**Tritanomaly**

62.5759, 0.3642, 0.3292

# Monochromacy



**Original Color**

62.6279, 0.3799, 0.3556

**Achromatopsia**

63.7597, 0.3127, 0.3290

**Achromatomaly**

63.1334, 0.3357, 0.3392

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 62.6279, 0.3799, 0.3556 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(252, 195, 170)` looks like.

```
.text, #text, p{  
    color:rgb(252, 195, 170)  
}
```

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(252, 195, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 195, 170) }
```

## Border

The CSS property to change the border of an element to Yxy 62.6279, 0.3799, 0.3556 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(252, 195, 170) }
```

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

```
.border{ border-color:rgb(252, 195, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 195, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 195, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 195, 170);  
box-shadow:4px 4px 4px 4px rgb(252, 195,  
170) }
```



# Background

The CSS property to change the background color of an element to Yxy 62.6279, 0.3799, 0.3556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 195, 170) }
```

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

```
.background{ background-color: rgb(252,  
195, 170) }
```

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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