

# Converting Colors

$Yxy(62.8704, 0.3794, 0.3521)$

Have a look what the booklet for  
Yxy(62.8704, 0.3794, 0.3521)  
contains.

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# Color

**Yxy(63.1182, 0.3791, 0.3522)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEC3AD
RGB	254, 195, 173
RGB Percent	100%, 76%, 68%
CMY	0.0038, 0.2353, 0.3214
CMYK	0.00, 0.23, 0.32, 0.00
HSL	16°, 98%, 84%
HSV	16°, 32%, 100%
XYZ	67.9390, 63.1182, 48.1541
YIQ	210.1330, 42.2260, 5.6660

# Conversions

## Conversions Part 2

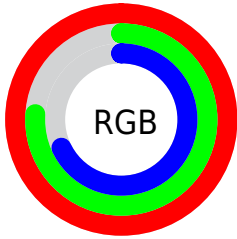
Format	Color
<b>RYB</b>	254, 203, 173
Decimal	16696237
CIELab	83.50, 18.16, 19.18
CIELCh	84, 26.414, 46.570
Yxy	63.1182, 0.3791, 0.3522
Android (android.graphics.Color)	4294886317 (0xFFFE3AD)
YUV	210.1330, -18.3066, 38.4714
Hunter-Lab	79.4470, 13.6119, 19.6763

# Details

The Yxy color **63.1182, 0.3791, 0.3522** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.7919, 0.2640, 0.3044**, and the grayscale version is **64.6463, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4822, 0.3289, 0.3524**, and **32.1660, 0.3957, 0.3561** is the 20% darker color. If you saturate the color by 10%, you get **54.4409, 0.4084, 0.3596**, and if you desaturate by 10%, it is **73.0170, 0.3542, 0.3446**.

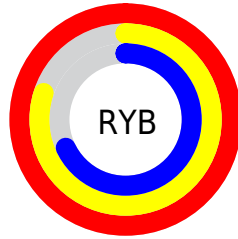
# Distribution



Red (100%)

Green (76%)

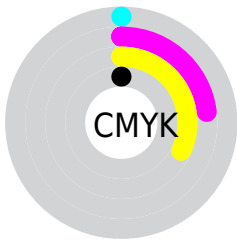
Blue (68%)



Red (100%)

Yellow (80%)

Blue (68%)

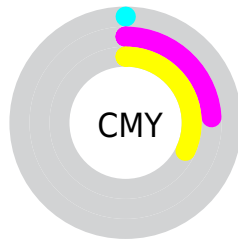


Cyan (0%)

Magenta (23%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (24%)


Yellow (32%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 63.1182, 0.3791, 0.3522 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 63.1182, 0.3791, 0.3522 by changing the saturation by 10% instead.




 63.1182, 0.3791,  
0.3522

 63.1182, 0.3791,  
0.3522


435.9983, 0.3473,  
0.3421

 45.9368, 0.3866,  
0.3543


 109.3400, 0.3679,  
0.3488

 32.1960, 0.3960,  
0.3568


139.1493, 0.3636,  
0.3475

 21.5112, 0.4080,  
0.3598


173.9366, 0.3599,  
0.3463

 13.4982, 0.4240,  
0.3634

214.0864, 0.3567,  
0.3452

 7.7725, 0.4462,  
0.3674

259.9831, 0.3539,  
0.3443

 3.9497, 0.4785,  
0.3715

312.0110, 0.3514,

 1.6455, 0.5471,

0.3435

0.3857

370.5547, 0.3492,  
0.3427

0.3880, 0.6767,  
0.3233

0.0000, 0.0000,  
0.0000

63.1182, 0.3791,  
0.3522

63.1182, 0.3791,  
0.3522

54.4409, 0.4084,  
0.3596

73.0170, 0.3542,  
0.3446

46.9282, 0.4420,  
0.3663

84.1737, 0.3332,  
0.3372

40.5315, 0.4792,  
0.3712

96.6344, 0.3157,  
0.3303

35.1952, 0.5181,  
0.3732

99.8146, 0.3121,  
0.3290

■ 30.8588, 0.5553,  
0.3712

■ 27.4545, 0.5867,  
0.3646

■ 25.3164, 0.6062,  
0.3569

# Harmonies

## Analogous

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



63.1182, 0.3665, 0.3246



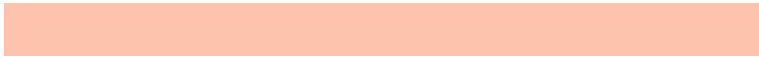
63.1182, 0.3791, 0.3522



63.1182, 0.3727, 0.3758

# Triad

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



63.1182, 0.3791, 0.3522



63.1182, 0.2855, 0.3616



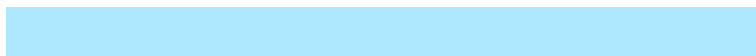
63.1182, 0.2746, 0.2742

# Complementary

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



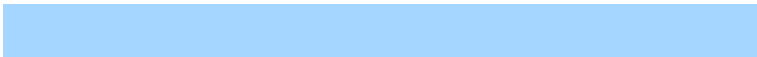
63.1182, 0.3791, 0.3522



73.7919, 0.2640, 0.3044

# 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.



63.1182, 0.2553, 0.2805



63.1182, 0.3791, 0.3522



63.1182, 0.2613, 0.3300

# Square

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



63.1182, 0.3791, 0.3522



63.1182, 0.3178, 0.3836



63.1182, 0.2506, 0.3002



63.1182, 0.3048, 0.2812



# Rectangle

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



63.1182, 0.3791, 0.3522



63.1182, 0.3590, 0.3858



63.1182, 0.2506, 0.3002



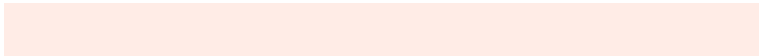
63.1182, 0.2667, 0.2748

# Sweetspot

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



63.1212, 0.3791, 0.3522



87.1752, 0.3297, 0.3359



56.8253, 0.3336, 0.2691



18.2962, 0.3323, 0.3369



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.



63.1212, 0.3791, 0.3522



58.1696, 0.3965, 0.3568



83.5805, 0.3665, 0.3918



18.7883, 0.3288, 0.3355



13.5524, 0.6034, 0.3591

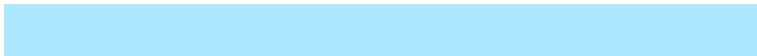


1.4915, 0.5814, 0.3765



# Inverse Universe

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



73.7919, 0.2640, 0.3044



70.3851, 0.2552, 0.2988



53.7142, 0.2582, 0.2570



19.5993, 0.2980, 0.3224



22.3507, 0.1995, 0.2382



2.3577, 0.2027, 0.2498



# Previews

## White Background



This preview shows how the Yxy color 63.1182, 0.3791, 0.3522 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 63.1182, 0.3791, 0.3522 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

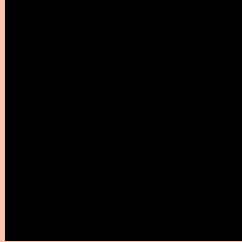
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 63.1182, 0.3791, 0.3522**

## **Background**



This preview shows how black text looks on a background with the Yxy color 63.1182, 0.3791, 0.3522.



This preview shows how white text looks on a background with the Yxy color 63.1182, 0.3791, 0.3522.

# 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

63.1182, 0.3791, 0.3522

### Protanopia

63.4265, 0.3422, 0.3623

### Deuteranopia

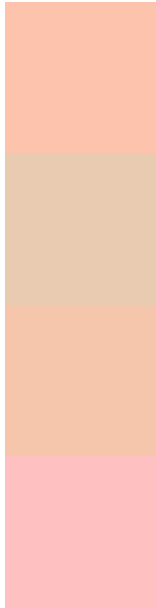
62.9879, 0.3675, 0.3596



## Tritanopia

62.9294, 0.3545, 0.3147

# Trichromacy



## Original Color

63.1182, 0.3791, 0.3522

## Protanomaly

63.0420, 0.3554, 0.3580

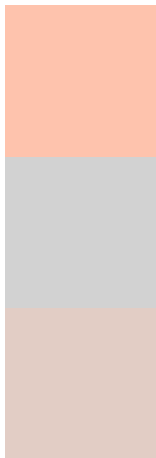
## Deuteranomaly

62.9596, 0.3723, 0.3571

## Tritanomaly

62.8095, 0.3642, 0.3281

# Monochromacy



## Original Color

63.1182, 0.3791, 0.3522

## Achromatopsia

64.4480, 0.3127, 0.3290

## Achromatomaly

63.8626, 0.3349, 0.3380

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 63.1182, 0.3791, 0.3522 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(254, 195, 173)` looks like.

```
.text, #text, p{  
    color:rgb(254, 195, 173)  
}
```

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(254, 195, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 195, 173) }
```

## Border

The CSS property to change the border of an element to Yxy 63.1182, 0.3791, 0.3522 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(254, 195, 173) }
```

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

```
.border{ border-color:rgb(254, 195, 173) }
```

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

Here you see how a box with a 4 pixel rgb(254, 195, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 195, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 195, 173);  
box-shadow:4px 4px 4px 4px rgb(254, 195,  
173) }
```



# Background

The CSS property to change the background color of an element to Yxy 63.1182, 0.3791, 0.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 195, 173) }
```

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

```
.background{ background-color: rgb(254,  
195, 173) }
```

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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