

# Converting Colors

$Yxy(70.4685, 0.3544, 0.3619)$

Have a look what the booklet for  
Yxy(70.4685, 0.3544, 0.3619)  
contains.

<b>Yxy(70.7623, 0.3544, 0.3622)</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(70.7623, 0.3544, 0.3622)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1D7B8
RGB	241, 215, 184
RGB Percent	95%, 84%, 72%
CMY	0.0548, 0.1569, 0.2783
CMYK	0.00, 0.11, 0.24, 0.05
HSL	33°, 67%, 83%
HSV	33°, 24%, 95%
XYZ	69.2384, 70.7623, 55.3673
YIQ	219.2400, 25.4470, -4.1290

# Conversions

## Conversions Part 2

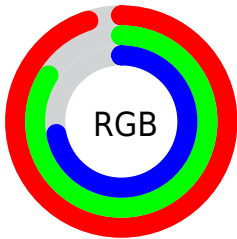
Format	Color
RYB	232, 241, 184
Decimal	15849400
CIELab	87.37, 4.33, 18.59
CIELCh	87, 19.086, 76.881
Yxy	70.7623, 0.3544, 0.3622
Android (android.graphics.Color)	4294039480 (0xFFFF1D7B8)
YUV	219.2400, -17.3733, 19.0835
Hunter-Lab	84.1203, -0.2894, 19.8600

# Details

The Yxy color **70.7623, 0.3544, 0.3622** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.6714, 0.2748, 0.2934**, and the grayscale version is **71.1286, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **36.9707, 0.3640, 0.3694** is the 20% darker color. If you saturate the color by 10%, you get **64.4193, 0.3757, 0.3769**, and if you desaturate by 10%, it is **77.6613, 0.3353, 0.3477**.

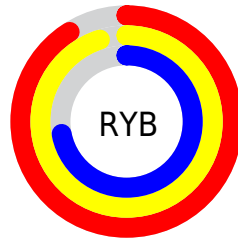
# Distribution



Red (95%)

Green (84%)

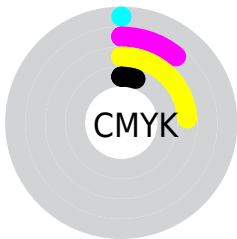
Blue (72%)



Red (91%)

Yellow (95%)

Blue (72%)

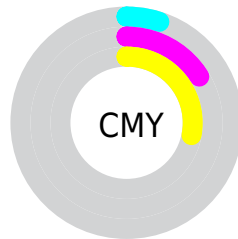


Cyan (0%)

Magenta (11%)

Yellow (24%)

Black (5%)



Cyan (5%)

Magenta (16%)


Yellow (28%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 70.7623, 0.3544, 0.3622 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 70.7623, 0.3544, 0.3622 by changing the saturation by 10% instead.




 70.7623, 0.3544,  
0.3622

 70.7623, 0.3544,  
0.3622


463.2221, 0.3350,  
0.3470

 52.1482, 0.3589,  
0.3656


 120.2952, 0.3476,  
0.3570

 37.1232, 0.3644,  
0.3698


151.9828, 0.3450,  
0.3549

 25.3029, 0.3714,  
0.3751


188.7971, 0.3427,  
0.3531

 16.3029, 0.3805,  
0.3819

231.1225, 0.3408,  
0.3516

 9.7387, 0.3929,  
0.3909

279.3432, 0.3391,  
0.3502

 5.2261, 0.4105,  
0.4032

333.8438, 0.3375,

 2.3805, 0.4379,

0.3490

0.4215

395.0086, 0.3362,  
0.3479

0.8158, 0.5194,  
0.4806

0.0000, 0.0000,  
0.0000

70.7623, 0.3544,  
0.3622

70.7623, 0.3544,  
0.3622

64.4193, 0.3757,  
0.3769

77.6613, 0.3353,  
0.3477

58.6066, 0.3992,  
0.3913

85.1221, 0.3184,  
0.3339

53.3104, 0.4242,  
0.4044

93.0762, 0.3043,  
0.3221

48.5123, 0.4501,  
0.4152

97.4471, 0.3042,  
0.3290

■ 44.1925, 0.4755,  
0.4223

■ 40.3289, 0.4991,  
0.4247

■ 36.8963, 0.5192,  
0.4215

■ 34.9215, 0.5303,  
0.4171

# Harmonies

## Analogous

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



70.7623, 0.3587, 0.3461



70.7623, 0.3544, 0.3622



70.7623, 0.3387, 0.3700

# Triad

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



70.7623, 0.3544, 0.3622



70.7623, 0.2765, 0.3298



70.7623, 0.3077, 0.2951

# Complementary

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



70.7623, 0.3544, 0.3622



62.6714, 0.2748, 0.2934

# 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.



70.7623, 0.2863, 0.2902



70.7623, 0.3544, 0.3622



70.7623, 0.2688, 0.3092

# Square

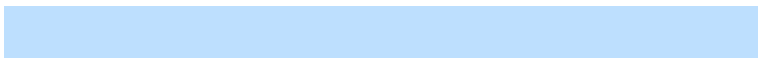
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.7623, 0.3544, 0.3622



70.7623, 0.2937, 0.3512



70.7623, 0.2723, 0.2950



70.7623, 0.3311, 0.3082



# Rectangle

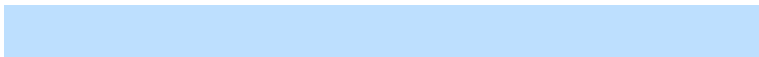
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.7623, 0.3544, 0.3622



70.7623, 0.3242, 0.3688



70.7623, 0.2723, 0.2950



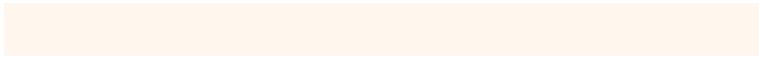
70.7623, 0.3000, 0.2925

# Sweetspot

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



70.7655, 0.3544, 0.3622



93.8107, 0.3238, 0.3384



57.6814, 0.3395, 0.3006



19.9684, 0.3248, 0.3393



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.



70.7655, 0.3544, 0.3622



77.1512, 0.3636, 0.3687



84.7679, 0.3471, 0.3884



17.1817, 0.3280, 0.3418



19.2041, 0.5280, 0.4190



1.7964, 0.5098, 0.4334



# Inverse Universe

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



62.6714, 0.2748, 0.2934



66.5830, 0.2674, 0.2857



51.0721, 0.2736, 0.2624



16.4183, 0.2980, 0.3158



9.7640, 0.1733, 0.1437

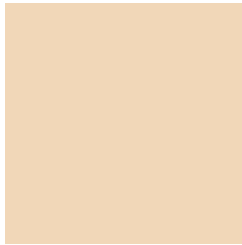


1.0088, 0.1802, 0.1687



# Previews

## White Background



This preview shows how the Yxy color 70.7623, 0.3544, 0.3622 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

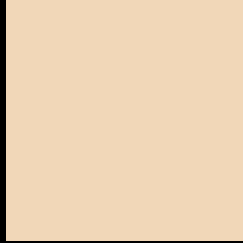
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 70.7623, 0.3544, 0.3622 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

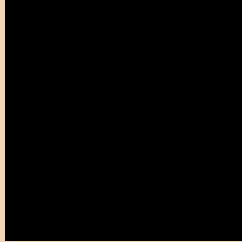
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 70.7623, 0.3544, 0.3622**

## **Background**



This preview shows how black text looks on a background with the Yxy color 70.7623, 0.3544, 0.3622.



This preview shows how white text looks on a background with the Yxy color 70.7623, 0.3544, 0.3622.

# 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

70.7623, 0.3544, 0.3622

### Protanopia

70.6769, 0.3445, 0.3641

### Deuteranopia

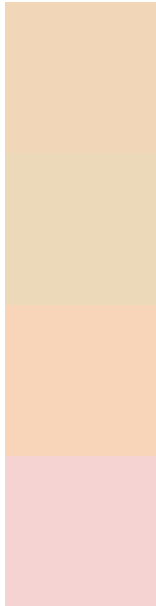
70.7868, 0.3633, 0.3562



## Tritanopia

70.6300, 0.3292, 0.3126

# Trichromacy



**Original Color**

70.7623, 0.3544, 0.3622

**Protanomaly**

70.7907, 0.3485, 0.3638

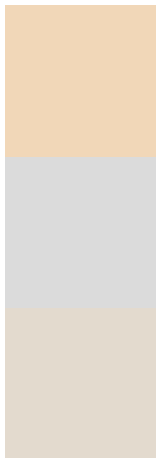
**Deuteranomaly**

70.5462, 0.3599, 0.3575

**Tritanomaly**

70.4748, 0.3384, 0.3301

# Monochromacy



**Original Color**

70.7623, 0.3544, 0.3622

**Achromatopsia**

70.8376, 0.3127, 0.3290

**Achromatomaly**

70.9299, 0.3275, 0.3421

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 70.7623, 0.3544, 0.3622 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(241, 215, 184)` looks like.

```
.text, #text, p{  
    color:rgb(241, 215, 184)  
}
```

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(241, 215, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 215, 184) }
```

## Border

The CSS property to change the border of an element to Yxy 70.7623, 0.3544, 0.3622 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(241, 215, 184) }
```

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

```
.border{ border-color:rgb(241, 215, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 215, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 215, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 215, 184);  
box-shadow:4px 4px 4px 4px rgb(241, 215,  
184) }
```



# Background

The CSS property to change the background color of an element to  $Yxy\ 70.7623, 0.3544, 0.3622$  is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 215, 184) }
```

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

```
.background{ background-color: rgb(241,  
215, 184) }
```

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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