

# Converting Colors

Yxy(61.8994, 0.3740, 0.3680)

Have a look what the booklet for  
Yxy(61.8994, 0.3740, 0.3680)  
contains.

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# Color

**Yxy(62.0165, 0.3742, 0.3685)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0C7A3
RGB	240, 199, 163
RGB Percent	94%, 78%, 64%
CMY	0.0587, 0.2196, 0.3608
CMYK	0.00, 0.17, 0.32, 0.06
HSL	28°, 72%, 79%
HSV	28°, 32%, 94%
XYZ	62.9758, 62.0165, 43.3022
YIQ	207.1550, 35.9920, -2.5040

# Conversions

## Conversions Part 2

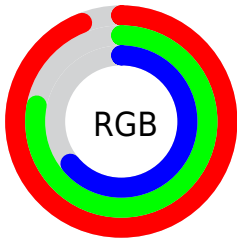
Format	Color
R <sub>Y</sub> B	240, 231, 163
Decimal	15779747
CIE Lab	82.92, 9.51, 23.48
CIE LCh	83, 25.329, 67.957
Yxy	62.0165, 0.3742, 0.3685
Android (android.graphics.Color)	4293969827 (0xFFFF0C7A3)
YUV	207.1550, -21.7684, 28.8051
Hunter-Lab	78.7506, 4.9306, 22.5239

# Details

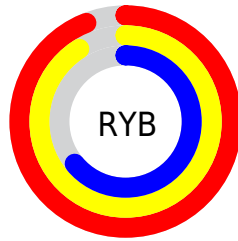
The Yxy color  $62.0165, 0.3742, 0.3685$  is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be  $57.2801, 0.2616, 0.2857$ , and the grayscale version is  $62.6306, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $97.8420, 0.3345, 0.3651$ , and  $31.4658, 0.3900, 0.3773$  is the 20% darker color. If you saturate the color by 10%, you get  $55.6005, 0.3990, 0.3811$ , and if you desaturate by 10%, it is  $69.0959, 0.3521, 0.3557$ .

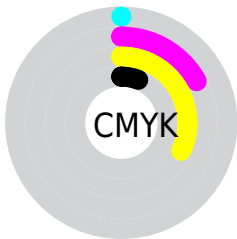
# Distribution



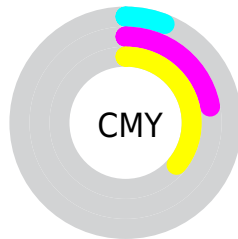
- Red (94%)
- Green (78%)
- Blue (64%)



- Red (94%)
- Yellow (91%)
- Blue (64%)



- Cyan (0%)
- Magenta (17%)
- Yellow (32%)
- Black (6%)




- Cyan (6%)
- Magenta (22%)
- Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 62.0165, 0.3742, 0.3685 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 62.0165, 0.3742, 0.3685 by changing the saturation by 10% instead.



 62.0165, 0.3742,  
0.3685

 62.0165, 0.3742,  
0.3685


431.9913, 0.3448,  
0.3504

 45.0460, 0.3811,  
0.3725


 107.7494, 0.3638,  
0.3623

 31.4937, 0.3897,  
0.3775


 137.2806, 0.3599,  
0.3598

 20.9751, 0.4007,  
0.3835


171.7675, 0.3565,  
0.3577

 13.1058, 0.4152,  
0.3912

211.5945, 0.3535,  
0.3559

 7.5014, 0.4350,  
0.4009

257.1459, 0.3509,  
0.3543

 3.7776, 0.4633,  
0.4131

308.8063, 0.3486,

 1.5500, 0.5423,

0.3528

366.9600, 0.3466,  
0.3515

0.4577

0.3235, 0.6252,  
0.3748

0.0000, 0.0000,  
0.0000

62.0165, 0.3742,  
0.3685

62.0165, 0.3742,  
0.3685

55.6005, 0.3990,  
0.3811

69.0959, 0.3521,  
0.3557

49.8179, 0.4261,  
0.3927

76.8503, 0.3328,  
0.3432

44.6488, 0.4550,  
0.4022

85.3018, 0.3159,  
0.3314

40.0688, 0.4843,  
0.4083

94.2075, 0.3036,  
0.3242

■ 36.0510, 0.5121,  
0.4098

■ 97.2696, 0.3036,  
0.3290

■ 32.5652, 0.5365,  
0.4058

■ 30.1550, 0.5528,  
0.3992

# Harmonies

## Analogous

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



62.0165, 0.3751, 0.3440



62.0165, 0.3742, 0.3685



62.0165, 0.3562, 0.3842

# Triad

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



62.0165, 0.3742, 0.3685



62.0165, 0.2686, 0.3390



62.0165, 0.2960, 0.2796

# Complementary

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



62.0165, 0.3742, 0.3685



57.2801, 0.2616, 0.2857

# 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.



62.0165, 0.2693, 0.2764



62.0165, 0.3742, 0.3685



62.0165, 0.2542, 0.3088

# Square

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



62.0165, 0.3742, 0.3685



62.0165, 0.2950, 0.3678



62.0165, 0.2544, 0.2864



62.0165, 0.3286, 0.2943



# Rectangle

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



62.0165, 0.3742, 0.3685



62.0165, 0.3375, 0.3865



62.0165, 0.2544, 0.2864



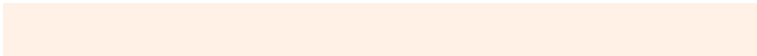
62.0165, 0.2861, 0.2772

# Sweetspot

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



62.0194, 0.3742, 0.3685



90.1026, 0.3291, 0.3407



49.0886, 0.3475, 0.2845



19.0019, 0.3316, 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.



62.0194, 0.3742, 0.3685



65.8978, 0.3914, 0.3774



82.0076, 0.3619, 0.4068



16.9767, 0.3282, 0.3401



16.7646, 0.5502, 0.4013



1.5921, 0.5286, 0.4185

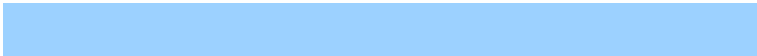


# Inverse Universe

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



57.2801, 0.2616, 0.2857



59.6114, 0.2502, 0.2744



41.1961, 0.2556, 0.2372



16.6230, 0.2980, 0.3177



12.1420, 0.1803, 0.1689

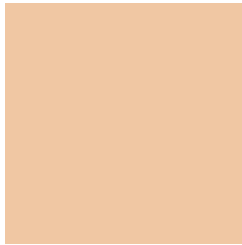


1.2092, 0.1866, 0.1916



# Previews

## White Background



This preview shows how the Yxy color 62.0165, 0.3742, 0.3685 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 62.0165, 0.3742, 0.3685 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 62.0165, 0.3742, 0.3685**

## **Background**



This preview shows how black text looks on a background with the Yxy color 62.0165, 0.3742, 0.3685.



This preview shows how white text looks on a background with the Yxy color 62.0165, 0.3742, 0.3685.

# 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

62.0165, 0.3742, 0.3685

### Protanopia

61.9559, 0.3523, 0.3753

### Deuteranopia

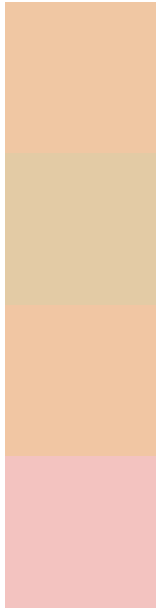
61.7333, 0.3754, 0.3673



## Tritanopia

62.1065, 0.3435, 0.3132

# Trichromacy



**Original Color**

62.0165, 0.3742, 0.3685

**Protanomaly**

61.7594, 0.3605, 0.3722

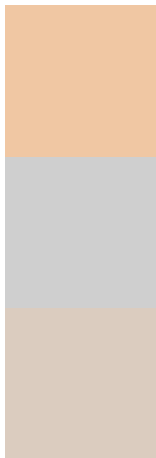
**Deuteranomaly**

61.7333, 0.3754, 0.3673

**Tritanomaly**

61.8907, 0.3544, 0.3324

# Monochromacy



**Original Color**

62.0165, 0.3742, 0.3685

**Achromatopsia**

62.3960, 0.3127, 0.3290

**Achromatomaly**

62.0074, 0.3339, 0.3439

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 62.0165, 0.3742, 0.3685 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(240, 199, 163)` looks like.

```
.text, #text, p{  
    color:rgb(240, 199, 163)  
}
```

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(240, 199, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 199, 163) }
```

## Border

The CSS property to change the border of an element to Yxy 62.0165, 0.3742, 0.3685 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(240, 199, 163) }
```

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

```
.border{ border-color:rgb(240, 199, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 199, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 199, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 199, 163);  
box-shadow:4px 4px 4px 4px rgb(240, 199,  
163) }
```



# Background

The CSS property to change the background color of an element to Yxy 62.0165, 0.3742, 0.3685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 199, 163) }
```

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

```
.background{ background-color: rgb(240,  
199, 163) }
```

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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