

# Converting Colors

$Yxy(62.1534, 0.3479, 0.3471)$

Have a look what the booklet for  
Yxy(62.1534, 0.3479, 0.3471)  
contains.

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# Color

**Yxy(62.0991, 0.3480, 0.3470)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6C9B9
RGB	230, 201, 185
RGB Percent	90%, 79%, 73%
CMY	0.0980, 0.2118, 0.2746
CMYK	0.00, 0.13, 0.20, 0.10
HSL	21°, 47%, 81%
HSV	21°, 20%, 90%
XYZ	62.2781, 62.0991, 54.5828
YIQ	207.8470, 22.4200, 1.1720

# Conversions

## Conversions Part 2

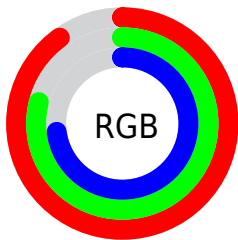
Format	Color
R <sub>Y</sub> B	230, 210, 185
Decimal	15124921
CIE Lab	82.97, 7.70, 11.75
CIE LCh	83, 14.052, 56.767
Yxy	62.0991, 0.3480, 0.3470
Android (android.graphics.Color)	4293315001 (0xFFE6C9B9)
YUV	207.8470, -11.2636, 19.4282
Hunter-Lab	78.8030, 3.1635, 14.0949

# Details

The Yxy color **62.0991, 0.3480, 0.3470** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.1081, 0.2823, 0.3103**, and the grayscale version is **63.0371, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **31.5321, 0.3569, 0.3511** is the 20% darker color. If you saturate the color by 10%, you get **54.6307, 0.3707, 0.3568**, and if you desaturate by 10%, it is **70.3964, 0.3286, 0.3375**.

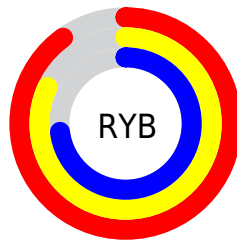
# Distribution



Red (90%)

Green (79%)

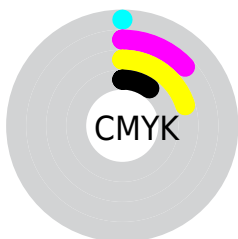
Blue (73%)



Red (90%)

Yellow (82%)

Blue (73%)

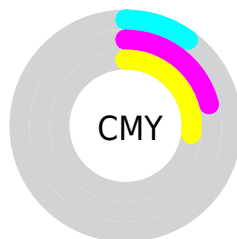


Cyan (0%)

Magenta (13%)

Yellow (20%)

Black (10%)



Cyan (10%)

Magenta (21%)


Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 62.0991, 0.3480, 0.3470 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 62.0991, 0.3480, 0.3470 by changing the saturation by 10% instead.




 62.0991, 0.3480,  
0.3470

 62.0991, 0.3480,  
0.3470


432.2925, 0.3311,  
0.3387

 45.1128, 0.3520,  
0.3489


 107.8687, 0.3420,  
0.3441

 31.5463, 0.3570,  
0.3513


137.4209, 0.3397,  
0.3430

 21.0152, 0.3635,  
0.3542


171.9304, 0.3378,  
0.3420

 13.1351, 0.3722,  
0.3581

211.7816, 0.3361,  
0.3412

 7.5216, 0.3845,  
0.3633

257.3591, 0.3346,  
0.3404

 3.7904, 0.4029,  
0.3705

309.0471, 0.3333,

 1.5570, 0.4352,

0.3398

0.3826

367.2301, 0.3321,  
0.3392

0.3284, 0.6036,  
0.3964

0.0000, 0.0000,  
0.0000

62.0991, 0.3480,  
0.3470

62.0991, 0.3480,  
0.3470

54.6307, 0.3707,  
0.3568

70.3964, 0.3286,  
0.3375

47.9564, 0.3970,  
0.3666

79.5393, 0.3121,  
0.3286

42.0514, 0.4268,  
0.3757

89.5545, 0.2981,  
0.3204

36.8861, 0.4596,  
0.3832

95.5661, 0.2976,  
0.3290

■ 32.4288, 0.4942,  
0.3878

■ 28.6453, 0.5282,  
0.3883

■ 25.4974, 0.5586,  
0.3838

■ 22.9368, 0.5832,  
0.3747

■ 22.8422, 0.5842,  
0.3743

# Harmonies

## Analogous

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



62.0991, 0.3446, 0.3323



62.0991, 0.3480, 0.3470



62.0991, 0.3417, 0.3575

# Triad

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



62.0991, 0.3480, 0.3470



62.0991, 0.2931, 0.3409



62.0991, 0.2974, 0.2994

# Complementary

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



62.0991, 0.3480, 0.3470



64.1081, 0.2823, 0.3103

# 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.



62.0991, 0.2842, 0.3007



62.0991, 0.3480, 0.3470



62.0991, 0.2818, 0.3243

# Square

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



62.0991, 0.3480, 0.3470



62.0991, 0.3097, 0.3544



62.0991, 0.2786, 0.3096



62.0991, 0.3150, 0.3054



# Rectangle

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



62.0991, 0.3480, 0.3470



62.0991, 0.3329, 0.3604



62.0991, 0.2786, 0.3096



62.0991, 0.2923, 0.2989

# Sweetspot

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



62.1019, 0.3480, 0.3470



92.9267, 0.3224, 0.3343



56.3774, 0.3272, 0.2968



19.7305, 0.3235, 0.3349



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.



62.1019, 0.3480, 0.3470



74.0452, 0.3579, 0.3514



73.2423, 0.3435, 0.3708



15.2033, 0.3284, 0.3374



13.1392, 0.5813, 0.3766



1.1414, 0.5534, 0.3988

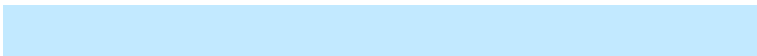


# Inverse Universe

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



64.1081, 0.2823, 0.3103



77.0627, 0.2752, 0.3054



53.6021, 0.2807, 0.2835



15.4279, 0.2981, 0.3204



15.4872, 0.1912, 0.2084



1.3182, 0.1967, 0.2280



# Previews

## White Background



This preview shows how the Yxy color 62.0991, 0.3480, 0.3470 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

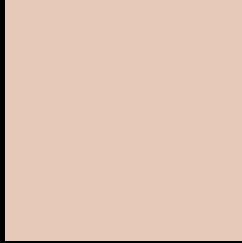
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 62.0991, 0.3480, 0.3470 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

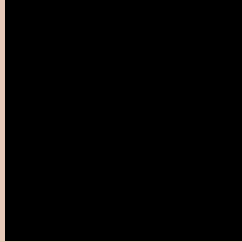
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 62.0991, 0.3480, 0.3470**

## **Background**



This preview shows how black text looks on a background with the Yxy color 62.0991, 0.3480, 0.3470.



This preview shows how white text looks on a background with the Yxy color 62.0991, 0.3480, 0.3470.

# 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

62.0991, 0.3480, 0.3470

### Protanopia

62.2205, 0.3327, 0.3498

### Deuteranopia

62.0118, 0.3525, 0.3446



## Tritanopia

62.0096, 0.3301, 0.3128

# Trichromacy



## Original Color

62.0991, 0.3480, 0.3470

## Protanomaly

61.9892, 0.3377, 0.3485

## Deuteranomaly

62.1350, 0.3506, 0.3457

## Tritanomaly

61.8082, 0.3369, 0.3247

# Monochromacy



## Original Color

62.0991, 0.3480, 0.3470

## Achromatopsia

63.0757, 0.3127, 0.3290

## Achromatomaly

62.4317, 0.3248, 0.3347

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 62.0991, 0.3480, 0.3470 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(230, 201, 185)` looks like.

```
.text, #text, p{  
  color:rgb(230, 201, 185)  
}
```

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(230, 201, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 201, 185) }
```

## Border

The CSS property to change the border of an element to Yxy 62.0991, 0.3480, 0.3470 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(230, 201, 185) }
```

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

```
.border{ border-color:rgb(230, 201, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 201, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 201, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 201, 185); box-shadow:4px 4px 4px 4px rgb(230, 201, 185) }
```



# Background

The CSS property to change the background color of an element to Yxy 62.0991, 0.3480, 0.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 201, 185) }
```

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

```
.background{ background-color: rgb(230,  
201, 185) }
```

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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