

# Converting Colors

$Yxy(62.8983, 0.3506, 0.3458)$

Have a look what the booklet for  
Yxy(62.8983, 0.3506, 0.3458)  
contains.

<b>Yxy(62.8109, 0.3504, 0.3457)</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(62.8109, 0.3504, 0.3457)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EAC9BA
RGB	234, 201, 186
RGB Percent	92%, 79%, 73%
CMY	0.0826, 0.2116, 0.2706
CMYK	0.00, 0.14, 0.20, 0.08
HSL	19°, 53%, 82%
HSV	19°, 20%, 92%
XYZ	63.6649, 62.8109, 55.2162
YIQ	209.1570, 24.4830, 2.3310

# Conversions

## Conversions Part 2

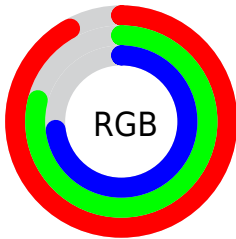
Format	Color
R <sub>Y</sub> B	234, 208, 186
Decimal	15387066
CIE Lab	83.34, 9.28, 11.79
CIE LCh	83, 15.003, 51.804
Yxy	62.8109, 0.3504, 0.3457
Android (android.graphics.Color)	4293577146 (0xFFEAC9BA)
YUV	209.1570, -11.4164, 21.7873
Hunter-Lab	79.2533, 4.6972, 14.1697

# Details

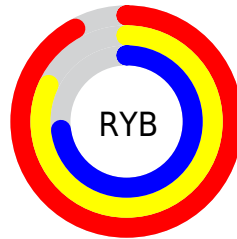
The Yxy color **62.8109, 0.3504, 0.3457** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.9843, 0.2810, 0.3117**, and the grayscale version is **63.9298, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **32.0259, 0.3602, 0.3493** is the 20% darker color. If you saturate the color by 10%, you get **54.7988, 0.3740, 0.3544**, and if you desaturate by 10%, it is **71.7741, 0.3304, 0.3373**.

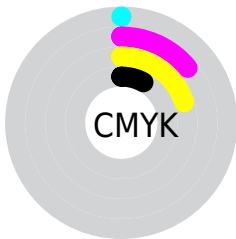
# Distribution



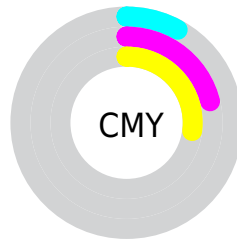
- Red (92%)
- Green (79%)
- Blue (73%)



- Red (92%)
- Yellow (82%)
- Blue (73%)



- Cyan (0%)
- Magenta (14%)
- Yellow (20%)
- Black (8%)




- Cyan (8%)
- Magenta (21%)
- Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 62.8109, 0.3504, 0.3457 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 62.8109, 0.3504, 0.3457 by changing the saturation by 10% instead.




 62.8109, 0.3504,  
0.3457

 62.8109, 0.3504,  
0.3457


434.8829, 0.3324,  
0.3380

 45.6882, 0.3547,  
0.3474


 108.8967, 0.3440,  
0.3431

 31.9999, 0.3600,  
0.3496


138.6285, 0.3416,  
0.3420

 21.3614, 0.3669,  
0.3522


173.3323, 0.3395,  
0.3411

 13.3884, 0.3762,  
0.3556

213.3923, 0.3377,  
0.3404

 7.6966, 0.3891,  
0.3602

259.1930, 0.3361,  
0.3397

 3.9014, 0.4086,  
0.3664

311.1187, 0.3347,

 1.6186, 0.4419,

0.3391

0.3760

369.5539, 0.3335,  
0.3385

0.3701, 0.6097,  
0.3903

0.0000, 0.0000,  
0.0000

62.8109, 0.3504,  
0.3457

62.8109, 0.3504,  
0.3457

54.7988, 0.3740,  
0.3544

71.7741, 0.3304,  
0.3373

47.6974, 0.4016,  
0.3630

81.7101, 0.3135,  
0.3294

41.4758, 0.4330,  
0.3709

92.5750, 0.2999,  
0.3232

36.0983, 0.4679,  
0.3772

96.2218, 0.2999,  
0.3290

■ 31.5261, 0.5045,  
0.3806

■ 27.7174, 0.5403,  
0.3799

■ 24.6256, 0.5717,  
0.3744

■ 22.2970, 0.5953,  
0.3655

# Harmonies

## Analogous

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



62.8109, 0.3451, 0.3298



62.8109, 0.3504, 0.3457



62.8109, 0.3453, 0.3579

# Triad

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



62.8109, 0.3504, 0.3457



62.8109, 0.2945, 0.3444



62.8109, 0.2937, 0.2972

# Complementary

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



62.8109, 0.3504, 0.3457



66.9843, 0.2810, 0.3117

# 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.



62.8109, 0.2809, 0.3000



62.8109, 0.3504, 0.3457



62.8109, 0.2813, 0.3269

# Square

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



62.8109, 0.3504, 0.3457



62.8109, 0.3127, 0.3577



62.8109, 0.2764, 0.3106



62.8109, 0.3118, 0.3024



# Rectangle

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



62.8109, 0.3504, 0.3457



62.8109, 0.3367, 0.3620



62.8109, 0.2764, 0.3106



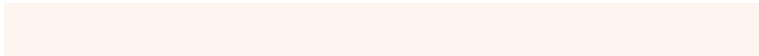
62.8109, 0.2886, 0.2972

# Sweetspot

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



62.8137, 0.3504, 0.3457



92.5357, 0.3225, 0.3337



57.7391, 0.3262, 0.2928



19.6382, 0.3236, 0.3342



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.



62.8137, 0.3504, 0.3457



71.7438, 0.3608, 0.3497



74.5250, 0.3455, 0.3704



15.8250, 0.3285, 0.3365



12.7354, 0.5925, 0.3677



1.1665, 0.5654, 0.3892

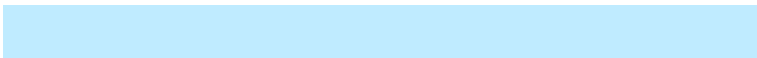


# Inverse Universe

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



66.9843, 0.2810, 0.3117



77.7474, 0.2739, 0.3073



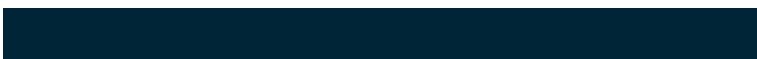
55.6652, 0.2792, 0.2839



16.2785, 0.2981, 0.3214



17.8186, 0.1954, 0.2234



1.5699, 0.1999, 0.2398



# Previews

## White Background



This preview shows how the Yxy color 62.8109, 0.3504, 0.3457 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

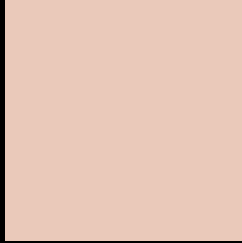
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 62.8109, 0.3504, 0.3457 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

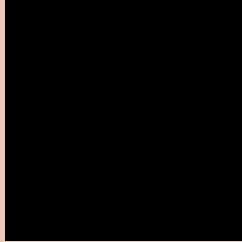
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 62.8109, 0.3504, 0.3457**

## **Background**



This preview shows how black text looks on a background with the Yxy color 62.8109, 0.3504, 0.3457.



This preview shows how white text looks on a background with the Yxy color 62.8109, 0.3504, 0.3457.

# 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

62.8109, 0.3504, 0.3457

### Protanopia

62.8987, 0.3326, 0.3497

### Deuteranopia

62.6866, 0.3523, 0.3445



## Tritanopia

62.6905, 0.3333, 0.3129

# Trichromacy



## Original Color

62.8109, 0.3504, 0.3457

## Protanomaly

62.9815, 0.3392, 0.3483

## Deuteranomaly

62.5159, 0.3515, 0.3445

## Tritanomaly

62.5328, 0.3393, 0.3236

# Monochromacy



## Original Color

62.8109, 0.3504, 0.3457

## Achromatopsia

63.7597, 0.3127, 0.3290

## Achromatomaly

63.2651, 0.3255, 0.3347

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 62.8109, 0.3504, 0.3457 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(234, 201, 186)` looks like.

```
.text, #text, p{  
    color:rgb(234, 201, 186)  
}
```

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(234, 201, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 201, 186) }
```

## Border

The CSS property to change the border of an element to Yxy 62.8109, 0.3504, 0.3457 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(234, 201, 186) }
```

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

```
.border{ border-color:rgb(234, 201, 186) }
```

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

Here you see how a box with a 4 pixel rgb(234, 201, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 201, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 201, 186);  
box-shadow:4px 4px 4px 4px rgb(234, 201,  
186) }
```



# Background

The CSS property to change the background color of an element to Yxy 62.8109, 0.3504, 0.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 201, 186) }
```

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

```
.background{ background-color: rgb(234,  
201, 186) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor