

# Converting Colors

$Yxy(63.0059, 0.3558, 0.3488)$

Have a look what the booklet for  
Yxy(63.0059, 0.3558, 0.3488)  
contains.

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# Color

**Yxy(63.1967, 0.3553, 0.3488)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDC9B7
RGB	237, 201, 183
RGB Percent	93%, 79%, 72%
CMY	0.0704, 0.2118, 0.2823
CMYK	0.00, 0.15, 0.23, 0.07
HSL	20°, 60%, 82%
HSV	20°, 23%, 93%
XYZ	64.3744, 63.1967, 53.6121
YIQ	209.7120, 27.2340, 2.0340

# Conversions

## Conversions Part 2

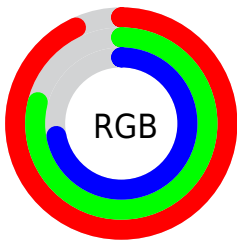
Format	Color
R <sub>Y</sub> B	237, 210, 183
Decimal	15583671
CIE Lab	83.55, 10.02, 13.70
CIE LCh	84, 16.975, 53.816
Yxy	63.1967, 0.3553, 0.3488
Android (android.graphics.Color)	4293773751 (0xFFEDC9B7)
YUV	209.7120, -13.1690, 23.9316
Hunter-Lab	79.4964, 5.4267, 15.6624

# Details

The Yxy color **63.1967, 0.3553, 0.3488** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.8968, 0.2774, 0.3083**, and the grayscale version is **64.3301, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **32.1824, 0.3656, 0.3535** is the 20% darker color. If you saturate the color by 10%, you get **55.2931, 0.3795, 0.3580**, and if you desaturate by 10%, it is **72.0323, 0.3346, 0.3398**.

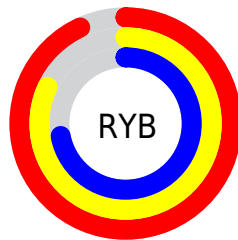
# Distribution



Red (93%)

Green (79%)

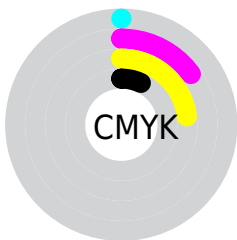
Blue (72%)



Red (93%)

Yellow (82%)

Blue (72%)

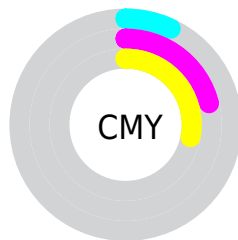


Cyan (0%)

Magenta (15%)

Yellow (23%)

Black (7%)



Cyan (7%)

Magenta (21%)


Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 63.1967, 0.3553, 0.3488 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 63.1967, 0.3553, 0.3488 by changing the saturation by 10% instead.



 63.1967, 0.3553,  
0.3488

 63.1967, 0.3553,  
0.3488


436.2830, 0.3349,  
0.3397

 46.0004, 0.3601,  
0.3508


 109.4532, 0.3481,  
0.3457

 32.2461, 0.3661,  
0.3533


139.2822, 0.3453,  
0.3445

 21.5495, 0.3739,  
0.3564


174.0909, 0.3430,  
0.3434

 13.5263, 0.3843,  
0.3604

214.2636, 0.3409,  
0.3425

 7.7919, 0.3988,  
0.3656

260.1848, 0.3392,  
0.3417

 3.9621, 0.4204,  
0.3726

312.2388, 0.3376,

 1.6524, 0.4586,

0.3410

0.3844

370.8101, 0.3362,  
0.3403

0.3925, 0.6115,  
0.3885

0.0000, 0.0000,  
0.0000

63.1967, 0.3553,  
0.3488

63.1967, 0.3553,  
0.3488

55.2931, 0.3795,  
0.3580

72.0323, 0.3346,  
0.3398

48.2817, 0.4076,  
0.3671

81.8211, 0.3171,  
0.3313

42.1323, 0.4393,  
0.3752

92.5940, 0.3023,  
0.3234

36.8096, 0.4740,  
0.3813

96.7546, 0.3018,  
0.3290

■ 32.2758, 0.5099,  
0.3842

■ 28.4893, 0.5441,  
0.3828

■ 25.4039, 0.5735,  
0.3762

■ 23.5803, 0.5907,  
0.3692

# Harmonies

## Analogous

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



63.1967, 0.3500, 0.3310



63.1967, 0.3553, 0.3488



63.1967, 0.3487, 0.3622

# Triad

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



63.1967, 0.3553, 0.3488



63.1967, 0.2909, 0.3452



63.1967, 0.2924, 0.2934

# Complementary

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



63.1967, 0.3553, 0.3488



66.8968, 0.2774, 0.3083

# 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.



63.1967, 0.2775, 0.2958



63.1967, 0.3553, 0.3488



63.1967, 0.2767, 0.3251

# Square

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



63.1967, 0.3553, 0.3488



63.1967, 0.3112, 0.3608



63.1967, 0.2719, 0.3071



63.1967, 0.3131, 0.2998



# Rectangle

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



63.1967, 0.3553, 0.3488



63.1967, 0.3386, 0.3666



63.1967, 0.2719, 0.3071



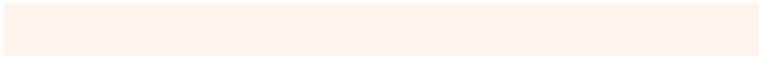
63.1967, 0.2866, 0.2931

# Sweetspot

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



63.1996, 0.3553, 0.3488



91.5352, 0.3242, 0.3348



57.0519, 0.3287, 0.2894



19.4418, 0.3252, 0.3353



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.



63.1996, 0.3553, 0.3488



70.4328, 0.3653, 0.3528



76.4546, 0.3493, 0.3761



15.8722, 0.3285, 0.3369



13.0821, 0.5877, 0.3715



1.1982, 0.5608, 0.3929

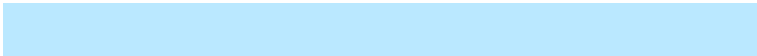


# Inverse Universe

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



66.8968, 0.2774, 0.3083



75.4522, 0.2707, 0.3039



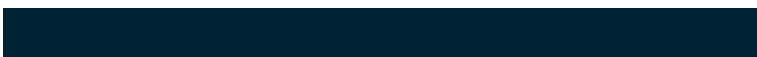
54.2926, 0.2749, 0.2770



16.2290, 0.2981, 0.3210



16.9775, 0.1935, 0.2167



1.5085, 0.1984, 0.2340



# Previews

## White Background



This preview shows how the Yxy color 63.1967, 0.3553, 0.3488 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

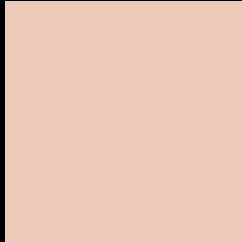
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 63.1967, 0.3553, 0.3488 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

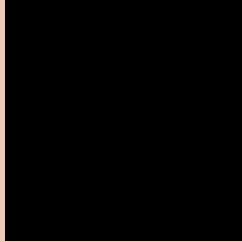
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 63.1967, 0.3553, 0.3488**

## Background



This preview shows how black text looks on a background with the Yxy color 63.1967, 0.3553, 0.3488.



This preview shows how white text looks on a background with the Yxy color 63.1967, 0.3553, 0.3488.

# 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

63.1967, 0.3553, 0.3488

### Protanopia

63.4086, 0.3354, 0.3543

### Deuteranopia

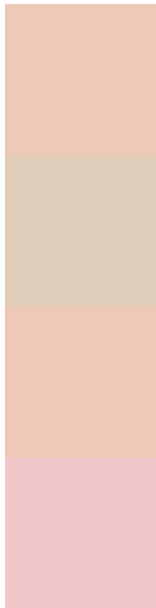
63.3693, 0.3561, 0.3488



## Tritanopia

63.3867, 0.3365, 0.3131

# Trichromacy



## Original Color

63.1967, 0.3553, 0.3488

## Protanomaly

63.0127, 0.3423, 0.3517

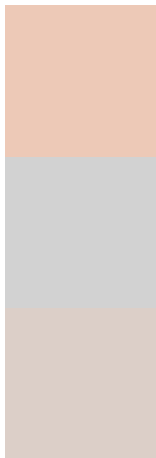
## Deuteranomaly

63.3693, 0.3561, 0.3488

## Tritanomaly

63.1305, 0.3441, 0.3259

# Monochromacy



## Original Color

63.1967, 0.3553, 0.3488

## Achromatopsia

64.4480, 0.3127, 0.3290

## Achromatomaly

64.0114, 0.3277, 0.3369

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 63.1967, 0.3553, 0.3488 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(237, 201, 183)` looks like.

```
.text, #text, p{  
    color:rgb(237, 201, 183)  
}
```

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(237, 201, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 201, 183) }
```

## Border

The CSS property to change the border of an element to Yxy 63.1967, 0.3553, 0.3488 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(237, 201, 183) }
```

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

```
.border{ border-color:rgb(237, 201, 183) }
```

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

Here you see how a box with a 4 pixel rgb(237, 201, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 201, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 201, 183);  
box-shadow:4px 4px 4px 4px rgb(237, 201,  
183) }
```



# Background

The CSS property to change the background color of an element to Yxy 63.1967, 0.3553, 0.3488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 201, 183) }
```

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

```
.background{ background-color: rgb(237,  
201, 183) }
```

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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