

# Converting Colors

$Yxy(36.5072, 0.3742, 0.3462)$

Have a look what the booklet for  
Yxy(36.5072, 0.3742, 0.3462)  
contains.

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# Color

**Yxy(36.4627, 0.3746, 0.3463)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C7988B
RGB	199, 152, 139
RGB Percent	78%, 60%, 55%
CMY	0.2196, 0.4039, 0.4549
CMYK	0.00, 0.24, 0.30, 0.22
HSL	13°, 35%, 66%
HSV	13°, 30%, 78%
XYZ	39.4425, 36.4627, 29.3871
YIQ	164.5710, 32.1850, 5.9210

# Conversions

## Conversions Part 2

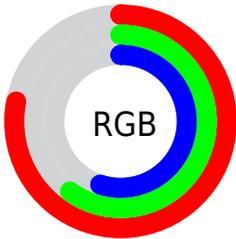
Format	Color
R <sub>Y</sub> B	199, 156, 139
Decimal	13080715
CIE Lab	66.87, 15.74, 13.63
CIE LCh	67, 20.822, 40.900
Yxy	36.4627, 0.3746, 0.3463
Android (android.graphics.Color)	4291270795 (0xFFC7988B)
YUV	164.5710, -12.6065, 30.1942
Hunter-Lab	60.3844, 10.9218, 13.4146

# Details

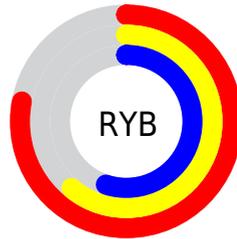
The Yxy color **36.4627, 0.3746, 0.3463** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.7332, 0.2677, 0.3109**, and the grayscale version is **37.4618, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.2084, 0.3616, 0.3436**, and **15.9579, 0.3947, 0.3507** is the 20% darker color. If you saturate the color by 10%, you get **31.2023, 0.4036, 0.3523**, and if you desaturate by 10%, it is **42.4976, 0.3502, 0.3403**.

# Distribution



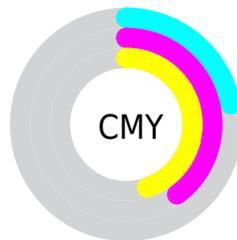
- Red (78%)
- Green (60%)
- Blue (55%)



- Red (78%)
- Yellow (61%)
- Blue (55%)



- Cyan (0%)
- Magenta (24%)
- Yellow (30%)
- Black (22%)



- Cyan (22%)
- Magenta (40%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 36.4627, 0.3746, 0.3463 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 36.4627, 0.3746, 0.3463 by changing the saturation by 10% instead.

 36.4627, 0.3746,  
0.3463

 36.4627, 0.3746,  
0.3463

330.9784, 0.3421,  
0.3381

 24.7918, 0.3832,  
0.3482

 69.7456, 0.3624,  
0.3434

 15.9220, 0.3946,  
0.3505

 92.1264, 0.3580,  
0.3423

 9.4690, 0.4102,  
0.3532

 118.8459, 0.3542,  
0.3413

 5.0483, 0.4330,  
0.3565

150.2886, 0.3511,  
0.3405

 2.2756, 0.4688,  
0.3596

186.8388, 0.3483,  
0.3398

 0.7608, 0.5990,  
0.4010

228.8809, 0.3460,

 0.0000, 1.0000,

0.3391

0.0000

276.7993, 0.3439,  
0.3386

0.0000, 0.0000,  
0.0000

36.4627, 0.3746,  
0.3463

36.4627, 0.3746,  
0.3463

31.2023, 0.4036,  
0.3523

42.4976, 0.3502,  
0.3403

26.6796, 0.4374,  
0.3576

49.3314, 0.3298,  
0.3345

22.8628, 0.4755,  
0.3618

56.9940, 0.3129,  
0.3291

19.7154, 0.5161,  
0.3636

65.5120, 0.2989,  
0.3241

17.1977, 0.5557,  
0.3623

74.9108, 0.2872,  
0.3195

 15.2652, 0.5899,  
0.3572

 84.9936, 0.2792,  
0.3189

 13.8784, 0.6153,  
0.3497

 90.8825, 0.2800,  
0.3289

# Harmonies

## Analogous

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



36.4627, 0.3595, 0.3201



36.4627, 0.3746, 0.3463



36.4627, 0.3720, 0.3698

# Triad

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



36.4627, 0.3746, 0.3463



36.4627, 0.2924, 0.3647



36.4627, 0.2722, 0.2771

# Complementary

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



36.4627, 0.3746, 0.3463



44.7332, 0.2677, 0.3109

# 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.



36.4627, 0.2563, 0.2857



36.4627, 0.3746, 0.3463



36.4627, 0.2675, 0.3358

# Square

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



36.4627, 0.3746, 0.3463



36.4627, 0.3237, 0.3827



36.4627, 0.2546, 0.3066



36.4627, 0.2993, 0.2814

# Rectangle

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



36.4627, 0.3746, 0.3463



36.4627, 0.3609, 0.3807



36.4627, 0.2546, 0.3066



36.4627, 0.2654, 0.2785

# Sweetspot

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



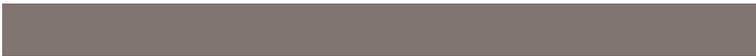
36.4644, 0.3746, 0.3463



87.6701, 0.3280, 0.3339



34.1975, 0.3278, 0.2685



18.3630, 0.3307, 0.3348



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.



36.4644, 0.3746, 0.3463



57.8145, 0.3926, 0.3501



47.0561, 0.3639, 0.3827



11.0033, 0.3284, 0.3341



9.0307, 0.6131, 0.3514



0.5376, 0.5721, 0.3839



# Inverse Universe

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



44.7332, 0.2677, 0.3109



74.5088, 0.2589, 0.3065



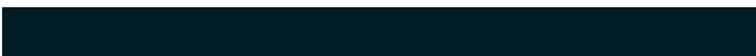
33.7288, 0.2630, 0.2687



11.6625, 0.2984, 0.3239



18.0494, 0.2051, 0.2584

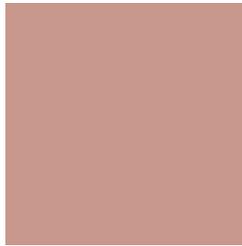


0.9544, 0.2097, 0.2748



# Previews

## White Background



This preview shows how the Yxy color 36.4627, 0.3746, 0.3463 looks on a white background.

## Color Contrast Check

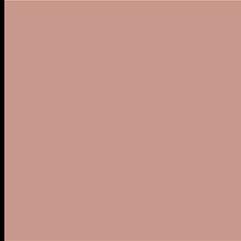
Large Text (above 18pt) WCAG AA × Fail

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 36.4627, 0.3746, 0.3463 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

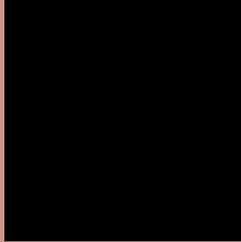
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

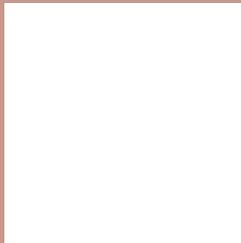
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 36.4627, 0.3746, 0.3463**

## Background



This preview shows how black text looks on a background with the Yxy color 36.4627, 0.3746, 0.3463.



This preview shows how white text looks on a background with the Yxy color 36.4627, 0.3746, 0.3463.

# 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

36.4627, 0.3746, 0.3463

### Protanopia

36.4003, 0.3368, 0.3550

### Deuteranopia

36.6403, 0.3623, 0.3551



## Tritanopia

36.4505, 0.3558, 0.3149

# Trichromacy



## Original Color

36.4627, 0.3746, 0.3463

## Protanomaly

36.2305, 0.3509, 0.3515

## Deuteranomaly

36.4841, 0.3672, 0.3521

## Tritanomaly

36.3591, 0.3628, 0.3265

# Monochromacy



## Original Color

36.4627, 0.3746, 0.3463

## Achromatopsia

37.6262, 0.3127, 0.3290

## Achromatomaly

36.8890, 0.3330, 0.3347

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 36.4627, 0.3746, 0.3463 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(199, 152, 139)` looks like.

```
.text, #text, p{  
    color:rgb(199, 152, 139)  
}
```

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(199, 152, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 152, 139) }
```

## Border

The CSS property to change the border of an element to Yxy 36.4627, 0.3746, 0.3463 is called "border". The border property can be set on classes, ids or directly on the HTML element.

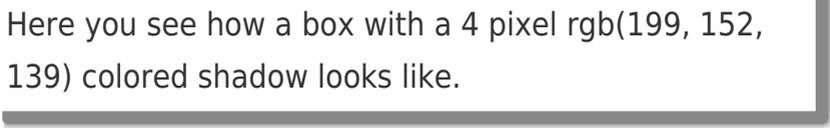
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 152, 139) }
```

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

```
.border{ border-color:rgb(199, 152, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 152, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 152, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 152, 139); box-shadow:4px 4px 4px 4px rgb(199, 152, 139) }
```

# Background

The CSS property to change the background color of an element to Yxy 36.4627, 0.3746, 0.3463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 152, 139) }
```

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

```
.background{ background-color: rgb(199,  
152, 139) }
```

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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