

# Converting Colors

Yxy(32.1639, 0.4341, 0.3506)

Have a look what the booklet for  
Yxy(32.1639, 0.4341, 0.3506)  
contains.

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# Color

**Yxy(32.3303, 0.4344, 0.3511)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DA8371
RGB	218, 131, 113
RGB Percent	85%, 51%, 44%
CMY	0.1453, 0.4862, 0.5569
CMYK	0.00, 0.40, 0.48, 0.15
HSL	10°, 59%, 65%
HSV	10°, 48%, 85%
XYZ	40.0008, 32.3303, 19.7518
YIQ	154.9610, 57.6300, 12.8460

# Conversions

## Conversions Part 2

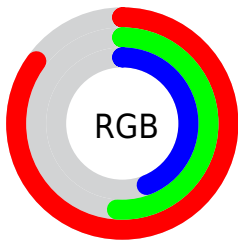
Format	Color
R <sub>Y</sub> B	218, 135, 113
Decimal	14320497
CIE Lab	63.61, 31.53, 24.05
CIE LCh	64, 39.655, 37.336
Yxy	32.3303, 0.4344, 0.3511
Android (android.graphics.Color)	4292510577 (0xFFDA8371)
YUV	154.9610, -20.6868, 55.2852
Hunter-Lab	56.8597, 26.0701, 19.2058

# Details

The Yxy color **32.3303, 0.4344, 0.3511** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **49.8408, 0.2449, 0.3044**, and the grayscale version is **32.8359, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.6745, 0.3903, 0.3502**, and **13.5926, 0.4750, 0.3524** is the 20% darker color. If you saturate the color by 10%, you get **27.4637, 0.4737, 0.3545**, and if you desaturate by 10%, it is **38.1627, 0.3999, 0.3467**.

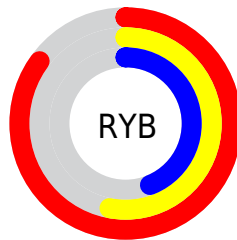
# Distribution



Red (85%)

Green (51%)

Blue (44%)



Red (85%)

Yellow (53%)

Blue (44%)

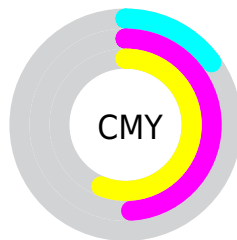


Cyan (0%)

Magenta (40%)

Yellow (48%)

Black (15%)



Cyan (15%)

Magenta (49%)


Yellow (56%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 32.3303, 0.4344, 0.3511 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 32.3303, 0.4344, 0.3511 by changing the saturation by 10% instead.





 32.3303, 0.4344,  
0.3511


 32.3303, 0.4344,  
0.3511


312.6211, 0.3694,  
0.3424

 21.6139, 0.4517,  
0.3522


 63.3285, 0.4099,  
0.3487


 13.5735, 0.4745,  
0.3528


 84.3792, 0.4009,  
0.3475

 7.8246, 0.5055,  
0.3521


 109.6434, 0.3935,  
0.3465

 3.9829, 0.5494,  
0.3477

 139.5055, 0.3872,  
0.3455

 1.6640, 0.6483,  
0.3517

174.3499, 0.3818,  
0.3446

 0.4002, 0.7482,  
0.2518

214.5611, 0.3771,

 0.0000, 1.0000,

0.3438

0.0000

260.5233, 0.3730,  
0.3431

0.0000, 0.0000,  
0.0000

32.3303, 0.4344,  
0.3511

32.3303, 0.4344,  
0.3511

27.4637, 0.4737,  
0.3545

38.1627, 0.3999,  
0.3467

23.5056, 0.5161,  
0.3561

45.0045, 0.3707,  
0.3419

20.4003, 0.5580,  
0.3550


52.9022, 0.3464,  
0.3371

18.0833, 0.5942,  
0.3507


61.8982, 0.3264,  
0.3325

16.4786, 0.6200,  
0.3439

72.0326, 0.3099,  
0.3282

 16.2509, 0.6239,  
0.3428

 83.3432, 0.2964,  
0.3243

 93.6391, 0.2905,  
0.3289

# Harmonies

## Analogous

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



32.3303, 0.4002, 0.3041



32.3303, 0.4344, 0.3511



32.3303, 0.4311, 0.3980

# Triad

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



32.3303, 0.4344, 0.3511



32.3303, 0.2775, 0.4095



32.3303, 0.2303, 0.2319

# Complementary

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



32.3303, 0.4344, 0.3511



49.8408, 0.2449, 0.3044

# 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.



32.3303, 0.2051, 0.2474



32.3303, 0.4344, 0.3511



32.3303, 0.2296, 0.3480

# Square

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



32.3303, 0.4344, 0.3511



32.3303, 0.3379, 0.4421



32.3303, 0.2046, 0.2874



32.3303, 0.2780, 0.2387



# Rectangle

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



32.3303, 0.4344, 0.3511



32.3303, 0.4096, 0.4241



32.3303, 0.2046, 0.2874



32.3303, 0.2193, 0.2345

# Sweetspot

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



32.3319, 0.4344, 0.3511



80.4765, 0.3379, 0.3352



30.8991, 0.3362, 0.2294



16.6425, 0.3424, 0.3362



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.



32.3319, 0.4344, 0.3511



38.9671, 0.4752, 0.3546



49.9454, 0.4019, 0.4113



13.4114, 0.3287, 0.3331



9.8484, 0.6219, 0.3444



0.7498, 0.5925, 0.3678

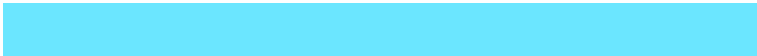


# Inverse Universe

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



49.8408, 0.2449, 0.3044



66.7130, 0.2338, 0.2982



29.7434, 0.2307, 0.2284



14.4289, 0.2982, 0.3249



22.8579, 0.2093, 0.2735



1.5834, 0.2121, 0.2835



# Previews

## White Background



This preview shows how the Yxy color 32.3303, 0.4344, 0.3511 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 32.3303, 0.4344, 0.3511 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 32.3303, 0.4344, 0.3511**

## Background



This preview shows how black text looks on a background with the Yxy color 32.3303, 0.4344, 0.3511.



This preview shows how white text looks on a background with the Yxy color 32.3303, 0.4344, 0.3511.

# 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

32.3303, 0.4344, 0.3511

### Protanopia

32.4338, 0.3529, 0.3760

### Deuteranopia

32.4959, 0.3905, 0.3826



## Tritanopia

32.4601, 0.4095, 0.3184

# Trichromacy



## Original Color

32.3303, 0.4344, 0.3511

## Protanomaly

32.0800, 0.3821, 0.3673

## Deuteranomaly

32.2295, 0.4061, 0.3707

## Tritanomaly

32.3191, 0.4189, 0.3305

# Monochromacy



## Original Color

32.3303, 0.4344, 0.3511

## Achromatopsia

32.7778, 0.3127, 0.3290

## Achromatomaly

31.9162, 0.3531, 0.3377

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 32.3303, 0.4344, 0.3511 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(218, 131, 113)` looks like.

```
.text, #text, p{  
    color:rgb(218, 131, 113)  
}
```

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(218, 131, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 131, 113) }
```

## Border

The CSS property to change the border of an element to Yxy 32.3303, 0.4344, 0.3511 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(218, 131, 113) }
```

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

```
.border{ border-color:rgb(218, 131, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 131, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 131, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 131, 113);  
box-shadow:4px 4px 4px 4px rgb(218, 131,  
113) }
```



# Background

The CSS property to change the background color of an element to Yxy 32.3303, 0.4344, 0.3511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 131, 113) }
```

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

```
.background{ background-color: rgb(218,  
131, 113) }
```

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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