

# Converting Colors

Yxy(37.1843, 0.4051, 0.3464)

Have a look what the booklet for  
Yxy(37.1843, 0.4051, 0.3464)  
contains.

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# Color

**Yxy(37.1291, 0.4045, 0.3464)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DA9284
RGB	218, 146, 132
RGB Percent	85%, 57%, 52%
CMY	0.1451, 0.4274, 0.4825
CMYK	0.00, 0.33, 0.39, 0.15
HSL	10°, 54%, 69%
HSV	10°, 39%, 85%
XYZ	43.3566, 37.1291, 26.6999
YIQ	165.9320, 47.4060, 10.9100

# Conversions

## Conversions Part 2

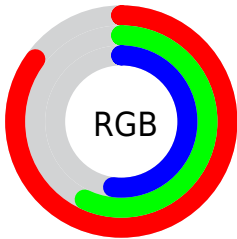
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	218, 149, 132
Decimal	14324356
CIE Lab	67.37, 25.53, 18.56
CIE LCh	67, 31.562, 36.028
Yxy	37.1291, 0.4045, 0.3464
Android (android.graphics.Color)	4292514436 (0xFFDA9284)
YUV	165.9320, -16.7285, 45.6636
Hunter-Lab	60.9337, 20.3756, 16.6738

# Details

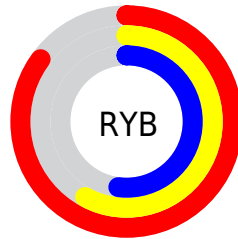
The Yxy color **37.1291, 0.4045, 0.3464** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.1362, 0.2556, 0.3104**, and the grayscale version is **38.1640, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.0713, 0.3686, 0.3447**, and **16.3707, 0.4345, 0.3501** is the 20% darker color. If you saturate the color by 10%, you get **31.4120, 0.4399, 0.3505**, and if you desaturate by 10%, it is **43.8721, 0.3744, 0.3419**.

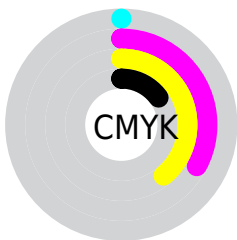
# Distribution



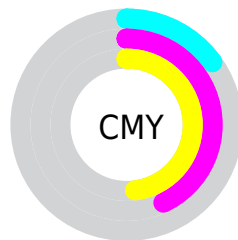
- Red (85%)
- Green (57%)
- Blue (52%)



- Red (85%)
- Yellow (58%)
- Blue (52%)



- Cyan (0%)
- Magenta (33%)
- Yellow (39%)
- Black (15%)




- Cyan (15%)
- Magenta (43%)
- Yellow (48%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 37.1291, 0.4045, 0.3464 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 37.1291, 0.4045, 0.3464 by changing the saturation by 10% instead.





 37.1291, 0.4045,  
0.3464


 37.1291, 0.4045,  
0.3464


333.8691, 0.3564,  
0.3390


 25.3075, 0.4171,  
0.3477


 70.7713, 0.3865,  
0.3441

 16.3063, 0.4337,  
0.3490


 93.3606, 0.3799,  
0.3431

 9.7411, 0.4561,  
0.3500


 120.3080, 0.3744,  
0.3422

 5.2277, 0.4882,  
0.3499

151.9978, 0.3697,  
0.3415

 2.3815, 0.5376,  
0.3465

188.8144, 0.3657,  
0.3408

 0.8163, 0.6522,  
0.3478

231.1423, 0.3622,


 0.0000, 1.0000,


0.3401


0.0000

279.3657, 0.3591,  
0.3396


 0.0000, 0.0000,  
0.0000


 37.1291, 0.4045,  
0.3464


 37.1291, 0.4045,  
0.3464

 31.4120, 0.4399,  
0.3505


 43.8721, 0.3744,  
0.3419


 26.6651, 0.4801,  
0.3535


 51.6823, 0.3494,  
0.3373


 22.8355, 0.5231,  
0.3546

 60.6054, 0.3288,  
0.3329

 19.8630, 0.5648,  
0.3531

 70.6830, 0.3119,  
0.3288

 17.6801, 0.5998,  
0.3486

 81.9543, 0.2980,  
0.3250

■ 16.2036, 0.6241,  
0.3420

■ 93.6462, 0.2906,  
0.3289

■ 16.1419, 0.6252,  
0.3417

# Harmonies

## Analogous

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



37.1291, 0.3775, 0.3089



37.1291, 0.4045, 0.3464



37.1291, 0.4042, 0.3828

# Triad

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



37.1291, 0.4045, 0.3464



37.1291, 0.2886, 0.3903



37.1291, 0.2476, 0.2534

# Complementary

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



37.1291, 0.4045, 0.3464



53.1362, 0.2556, 0.3104

# 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.



37.1291, 0.2281, 0.2676



37.1291, 0.4045, 0.3464



37.1291, 0.2501, 0.3462

# Square

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



37.1291, 0.4045, 0.3464



37.1291, 0.3355, 0.4138



37.1291, 0.2289, 0.3003



37.1291, 0.2847, 0.2575



# Rectangle

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



37.1291, 0.4045, 0.3464



37.1291, 0.3893, 0.4022



37.1291, 0.2289, 0.3003



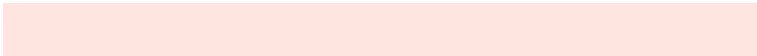
37.1291, 0.2389, 0.2560

# Sweetspot

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



37.1309, 0.4045, 0.3464



82.9195, 0.3339, 0.3340



35.8131, 0.3296, 0.2450



17.3815, 0.3365, 0.3346



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.



37.1309, 0.4045, 0.3464



46.3574, 0.4322, 0.3497



52.4919, 0.3843, 0.3953



13.3929, 0.3288, 0.3329



9.7742, 0.6233, 0.3433



0.7411, 0.5946, 0.3661



# Inverse Universe

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



53.1362, 0.2556, 0.3104



72.0563, 0.2460, 0.3061



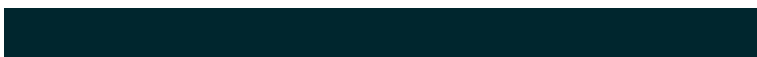
35.8349, 0.2466, 0.2518



14.4490, 0.2982, 0.3251



23.3172, 0.2101, 0.2764



1.6092, 0.2128, 0.2859



# Previews

## White Background



This preview shows how the Yxy color 37.1291, 0.4045, 0.3464 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

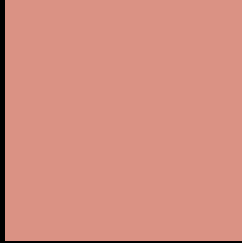
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 37.1291, 0.4045, 0.3464 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

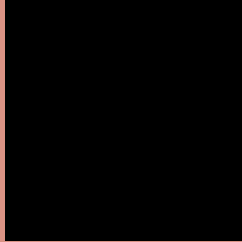
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 37.1291, 0.4045, 0.3464**

## Background



This preview shows how black text looks on a background with the Yxy color 37.1291, 0.4045, 0.3464.



This preview shows how white text looks on a background with the Yxy color 37.1291, 0.4045, 0.3464.

# 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

37.1291, 0.4045, 0.3464

### Protanopia

37.3582, 0.3421, 0.3619

### Deuteranopia

37.2719, 0.3740, 0.3669



## Tritanopia

37.1937, 0.3837, 0.3159

# Trichromacy



## Original Color

37.1291, 0.4045, 0.3464

## Protanomaly

36.7677, 0.3634, 0.3550

## Deuteranomaly

37.1674, 0.3841, 0.3592

## Tritanomaly

37.0819, 0.3911, 0.3268

# Monochromacy



## Original Color

37.1291, 0.4045, 0.3464

## Achromatopsia

38.1326, 0.3127, 0.3290

## Achromatomaly

37.4437, 0.3431, 0.3359

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 37.1291, 0.4045, 0.3464 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, 146, 132)` looks like.

```
.text, #text, p{  
    color:rgb(218, 146, 132)  
}
```

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, 146, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 146, 132) }
```

## Border

The CSS property to change the border of an element to Yxy 37.1291, 0.4045, 0.3464 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, 146, 132) }
```

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

```
.border{ border-color:rgb(218, 146, 132) }
```

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

Here you see how a box with a 4 pixel rgb(218, 146, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 146, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 146, 132);  
box-shadow:4px 4px 4px 4px rgb(218, 146,  
132) }
```



# Background

The CSS property to change the background color of an element to Yxy 37.1291, 0.4045, 0.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 146, 132) }
```

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

```
.background{ background-color: rgb(218,  
146, 132) }
```

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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