

# Converting Colors

Yxy(51.9429, 0.3713, 0.3334)

Have a look what the booklet for  
Yxy(51.9429, 0.3713, 0.3334)  
contains.

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# **Color**

**Yxy(52.0338, 0.3712, 0.3337)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EDB0AC
RGB	237, 176, 172
RGB Percent	93%, 69%, 67%
CMY	0.0708, 0.3097, 0.3255
CMYK	0.00, 0.26, 0.27, 0.07
HSL	4°, 64%, 80%
HSV	4°, 27%, 93%
XYZ	57.8812, 52.0338, 46.0149
YIQ	193.7830, 37.6400, 11.6880

# Conversions

## Conversions Part 2

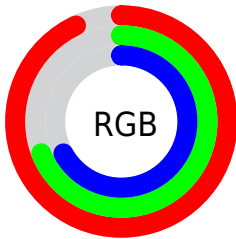
Format	Color
R <sub>Y</sub> B	237, 176, 172
Decimal	15577260
CIE Lab	77.30, 21.65, 10.78
CIE LCh	77, 24.183, 26.465
Yxy	52.0338, 0.3712, 0.3337
Android (android.graphics.Color)	4293767340 (0xFFEDB0AC)
YUV	193.7830, -10.7390, 37.9013
Hunter-Lab	72.1345, 16.9943, 12.6728

# Details

The Yxy color **52.0338, 0.3712, 0.3337** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **73.0984, 0.2723, 0.3242**, and the grayscale version is **53.8612, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5193, 0.3318, 0.3340**, and **25.2253, 0.3874, 0.3336** is the 20% darker color. If you saturate the color by 10%, you get **43.1922, 0.4024, 0.3355**, and if you desaturate by 10%, it is **62.4686, 0.3458, 0.3319**.

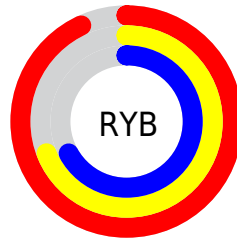
# Distribution



Red (93%)

Green (69%)

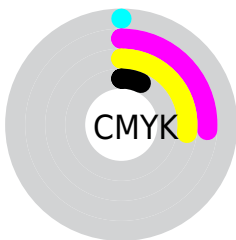
Blue (67%)



Red (93%)

Yellow (69%)

Blue (67%)

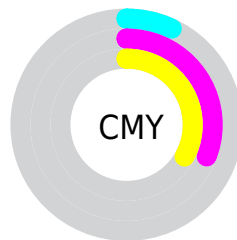


Cyan (0%)

Magenta (26%)

Yellow (27%)

Black (7%)



Cyan (7%)

Magenta (31%)


Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0338, 0.3712, 0.3337 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 52.0338, 0.3712, 0.3337 by changing the saturation by 10% instead.





 52.0338, 0.3712,  
0.3337

 52.0338, 0.3712,  
0.3337


394.5671, 0.3422,  
0.3320

 37.0320, 0.3783,  
0.3339


 93.1811, 0.3607,  
0.3332

 25.2323, 0.3874,  
0.3341


120.0954, 0.3568,  
0.3330

 16.2502, 0.3994,  
0.3342


151.7493, 0.3534,  
0.3328

 9.7014, 0.4159,  
0.3340

188.5272, 0.3506,  
0.3326

 5.2014, 0.4399,  
0.3330

230.8136, 0.3481,  
0.3324

 2.3659, 0.4777,  
0.3298

278.9927, 0.3459,

 0.8083, 0.5968,

0.3323

0.3486

333.4491, 0.3439,  
0.3321

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

52.0338, 0.3712,  
0.3337

52.0338, 0.3712,  
0.3337

43.1922, 0.4024,  
0.3355

62.4686, 0.3458,  
0.3319

35.8585, 0.4398,  
0.3371

74.5617, 0.3253,  
0.3302

29.9506, 0.4830,  
0.3383

88.3837, 0.3088,  
0.3286

25.3759, 0.5296,  
0.3387

96.7345, 0.3017,  
0.3290

■ 22.0305, 0.5745,  
0.3380

■ 19.7952, 0.6108,  
0.3359

■ 18.5264, 0.6328,  
0.3331

■ 18.3295, 0.6366,  
0.3327

# Harmonies

## Analogous

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



52.0338, 0.3482, 0.3076



52.0338, 0.3712, 0.3337



52.0338, 0.3775, 0.3601

# Triad

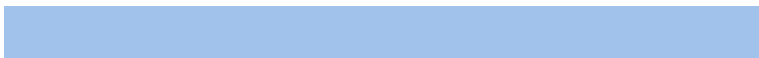
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.0338, 0.3712, 0.3337



52.0338, 0.3069, 0.3768



52.0338, 0.2614, 0.2781

# Complementary

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



52.0338, 0.3712, 0.3337



73.0984, 0.2723, 0.3242

# 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.



52.0338, 0.2518, 0.2932



52.0338, 0.3712, 0.3337



52.0338, 0.2772, 0.3511

# Square

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



52.0338, 0.3712, 0.3337



52.0338, 0.3393, 0.3873



52.0338, 0.2574, 0.3197



52.0338, 0.2843, 0.2763



# Rectangle

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



52.0338, 0.3712, 0.3337



52.0338, 0.3714, 0.3747



52.0338, 0.2574, 0.3197



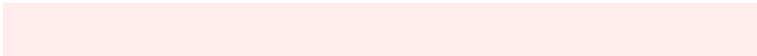
52.0338, 0.2566, 0.2817

# Sweetspot

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



52.0362, 0.3712, 0.3337



87.1517, 0.3264, 0.3303



53.4172, 0.3185, 0.2639



18.1686, 0.3293, 0.3305



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.



52.0362, 0.3712, 0.3337



55.2817, 0.3883, 0.3347



65.9439, 0.3620, 0.3682



15.2046, 0.3291, 0.3305



10.0756, 0.6355, 0.3336



0.8443, 0.6234, 0.3432



# Inverse Universe

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



73.0984, 0.2723, 0.3242



84.0814, 0.2649, 0.3231



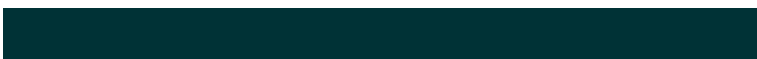
56.7543, 0.2685, 0.2863



16.9517, 0.2981, 0.3275



32.0014, 0.2193, 0.3095



2.5616, 0.2201, 0.3124



# Previews

## White Background



This preview shows how the Yxy color 52.0338, 0.3712, 0.3337 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

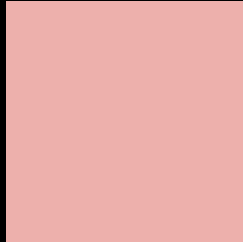
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 52.0338, 0.3712, 0.3337 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

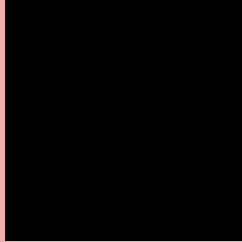
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 52.0338, 0.3712, 0.3337**

## Background



This preview shows how black text looks on a background with the Yxy color 52.0338, 0.3712, 0.3337.



This preview shows how white text looks on a background with the Yxy color 52.0338, 0.3712, 0.3337.

# 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

52.0338, 0.3712, 0.3337

### Protanopia

52.4272, 0.3261, 0.3427

### Deuteranopia

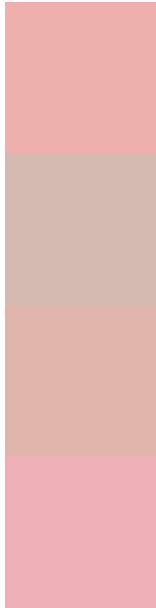
51.9350, 0.3529, 0.3458



## Tritanopia

52.2107, 0.3600, 0.3148

# Trichromacy



## Original Color

52.0338, 0.3712, 0.3337

## Protanomaly

52.2892, 0.3422, 0.3399

## Deuteranomaly

51.8353, 0.3591, 0.3408

## Tritanomaly

52.2145, 0.3633, 0.3214

# Monochromacy



## Original Color

52.0338, 0.3712, 0.3337

## Achromatopsia

53.9479, 0.3127, 0.3290

## Achromatomaly

52.7875, 0.3329, 0.3303

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 52.0338, 0.3712, 0.3337 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, 176, 172)` looks like.

```
.text, #text, p{  
    color:rgb(237, 176, 172)  
}
```

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, 176, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 176, 172) }
```

## Border

The CSS property to change the border of an element to Yxy 52.0338, 0.3712, 0.3337 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, 176, 172) }
```

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

```
.border{ border-color:rgb(237, 176, 172) }
```

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

Here you see how a box with a 4 pixel rgb(237, 176, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 176, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 176, 172);  
box-shadow:4px 4px 4px 4px rgb(237, 176,  
172) }
```



# Background

The CSS property to change the background color of an element to Yxy 52.0338, 0.3712, 0.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 176, 172) }
```

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

```
.background{ background-color: rgb(237,  
176, 172) }
```

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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