

# Converting Colors

Yxy(51.8558, 0.3739, 0.3466)

Have a look what the booklet for  
Yxy(51.8558, 0.3739, 0.3466)  
contains.

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# Color

**Yxy(52.0403, 0.3739, 0.3474)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8B3A3
RGB	232, 179, 163
RGB Percent	91%, 70%, 64%
CMY	0.0902, 0.2980, 0.3607
CMYK	0.00, 0.23, 0.30, 0.09
HSL	14°, 60%, 77%
HSV	14°, 30%, 91%
XYZ	56.0100, 52.0403, 41.7491
YIQ	193.0230, 36.7240, 6.2600

# Conversions

## Conversions Part 2

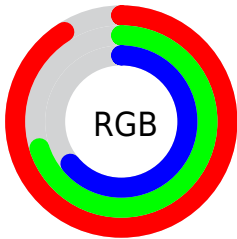
Format	Color
R <sub>Y</sub> B	232, 184, 163
Decimal	15250339
CIE Lab	77.30, 17.01, 15.57
CIE LCh	77, 23.066, 42.466
Yxy	52.0403, 0.3739, 0.3474
Android (android.graphics.Color)	4293440419 (0xFFE8B3A3)
YUV	193.0230, -14.8013, 34.1828
Hunter-Lab	72.1390, 12.3474, 16.1843

# Details

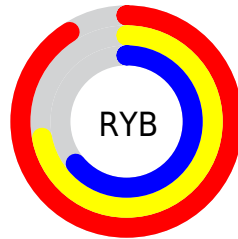
The Yxy color **52.0403, 0.3739, 0.3474** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.7291, 0.2677, 0.3097**, and the grayscale version is **53.4168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.7386, 0.3374, 0.3460**, and **25.1834, 0.3911, 0.3516** is the 20% darker color. If you saturate the color by 10%, you get **44.5975, 0.4028, 0.3538**, and if you desaturate by 10%, it is **60.5639, 0.3495, 0.3409**.

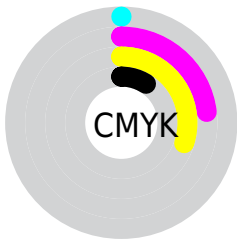
# Distribution



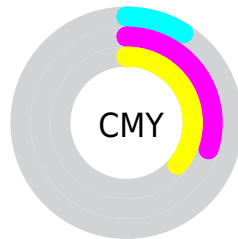
- Red (91%)
- Green (70%)
- Blue (64%)



- Red (91%)
- Yellow (72%)
- Blue (64%)



- Cyan (0%)
- Magenta (23%)
- Yellow (30%)
- Black (9%)




- Cyan (9%)
- Magenta (30%)
- Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0403, 0.3739, 0.3474 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 52.0403, 0.3739, 0.3474 by changing the saturation by 10% instead.





 52.0403, 0.3739,  
0.3474

 52.0403, 0.3739,  
0.3474


394.5922, 0.3436,  
0.3391

 37.0372, 0.3813,  
0.3492


 93.1907, 0.3630,  
0.3446

 25.2363, 0.3908,  
0.3513


 120.1067, 0.3588,  
0.3435

 16.2532, 0.4033,  
0.3539


151.7626, 0.3553,  
0.3425

 9.7035, 0.4204,  
0.3570

188.5426, 0.3523,  
0.3417

 5.2028, 0.4450,  
0.3604

230.8311, 0.3497,  
0.3409

 2.3667, 0.4834,  
0.3634

279.0127, 0.3474,

 0.8087, 0.6038,

0.3402

0.3962

333.4715, 0.3454,  
0.3396

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

52.0403, 0.3739,  
0.3474

52.0403, 0.3739,  
0.3474

44.5975, 0.4028,  
0.3538

60.5639, 0.3495,  
0.3409

38.1846, 0.4365,  
0.3597

70.2018, 0.3292,  
0.3347

32.7575, 0.4744,  
0.3641

80.9952, 0.3123,  
0.3289

28.2662, 0.5147,  
0.3662

92.9286, 0.2987,  
0.3243

■ 24.6557, 0.5541,  
0.3649

■ 95.8954, 0.2987,  
0.3290

■ 21.8651, 0.5880,  
0.3595

■ 19.8188, 0.6132,  
0.3511

■ 19.7734, 0.6137,  
0.3509

# Harmonies

## Analogous

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



52.0403, 0.3599, 0.3215



52.0403, 0.3739, 0.3474



52.0403, 0.3704, 0.3702

# Triad

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



52.0403, 0.3739, 0.3474



52.0403, 0.2913, 0.3628



52.0403, 0.2740, 0.2778

# Complementary

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



52.0403, 0.3739, 0.3474



62.7291, 0.2677, 0.3097

# 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.



52.0403, 0.2576, 0.2856



52.0403, 0.3739, 0.3474



52.0403, 0.2672, 0.3342

# Square

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



52.0403, 0.3739, 0.3474



52.0403, 0.3219, 0.3813



52.0403, 0.2552, 0.3057



52.0403, 0.3011, 0.2827



# Rectangle

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



52.0403, 0.3739, 0.3474



52.0403, 0.3590, 0.3805



52.0403, 0.2552, 0.3057



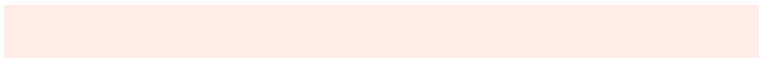
52.0403, 0.2671, 0.2790

# Sweetspot

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



52.0427, 0.3739, 0.3474



87.8720, 0.3279, 0.3343



48.3673, 0.3288, 0.2699



18.4124, 0.3306, 0.3352



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.



52.0427, 0.3739, 0.3474



58.3925, 0.3920, 0.3516



67.1138, 0.3633, 0.3837



14.9074, 0.3287, 0.3345



11.1364, 0.6111, 0.3530



0.9625, 0.5829, 0.3754



# Inverse Universe

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



62.7291, 0.2677, 0.3097



73.7137, 0.2586, 0.3049



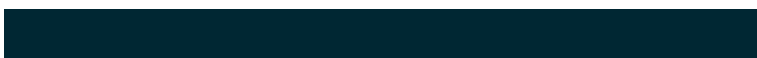
47.2997, 0.2630, 0.2675



15.7401, 0.2981, 0.3234



21.1603, 0.2035, 0.2526



1.7017, 0.2070, 0.2650



# Previews

## White Background



This preview shows how the Yxy color 52.0403, 0.3739, 0.3474 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

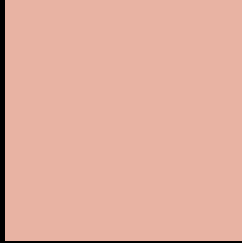
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 52.0403, 0.3739, 0.3474 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

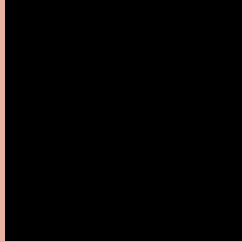
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 52.0403, 0.3739, 0.3474**

## Background



This preview shows how black text looks on a background with the Yxy color 52.0403, 0.3739, 0.3474.



This preview shows how white text looks on a background with the Yxy color 52.0403, 0.3739, 0.3474.

# 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

52.0403, 0.3739, 0.3474

### Protanopia

52.4055, 0.3374, 0.3564

### Deuteranopia

52.1053, 0.3624, 0.3551



## Tritanopia

51.9962, 0.3544, 0.3135

# Trichromacy



## Original Color

52.0403, 0.3739, 0.3474

## Protanomaly

52.3277, 0.3503, 0.3532

## Deuteranomaly

51.9118, 0.3666, 0.3525

## Tritanomaly

51.8384, 0.3613, 0.3246

# Monochromacy



## Original Color

52.0403, 0.3739, 0.3474

## Achromatopsia

53.3276, 0.3127, 0.3290

## Achromatomaly

52.6092, 0.3334, 0.3363

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 52.0403, 0.3739, 0.3474 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(232, 179, 163)` looks like.

```
.text, #text, p{  
    color:rgb(232, 179, 163)  
}
```

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(232, 179, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 179, 163) }
```

## Border

The CSS property to change the border of an element to Yxy 52.0403, 0.3739, 0.3474 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(232, 179, 163) }
```

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

```
.border{ border-color:rgb(232, 179, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 179, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 179, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 179, 163);  
box-shadow:4px 4px 4px 4px rgb(232, 179,  
163) }
```



# Background

The CSS property to change the background color of an element to Yxy 52.0403, 0.3739, 0.3474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 179, 163) }
```

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

```
.background{ background-color: rgb(232,  
179, 163) }
```

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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