

# Converting Colors

Yxy(51.5317, 0.3753, 0.3463)

Have a look what the booklet for  
Yxy(51.5317, 0.3753, 0.3463)  
contains.

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# Color

**Yxy(51.8088, 0.3751, 0.3462)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9B2A3
RGB	233, 178, 163
RGB Percent	91%, 70%, 64%
CMY	0.0863, 0.3019, 0.3606
CMYK	0.00, 0.24, 0.30, 0.09
HSL	13°, 61%, 78%
HSV	13°, 30%, 91%
XYZ	56.1337, 51.8088, 41.7074
YIQ	192.7350, 37.5950, 6.9950

# Conversions

## Conversions Part 2

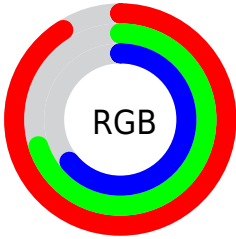
Format	Color
R <sub>Y</sub> B	233, 182, 163
Decimal	15315619
CIE Lab	77.17, 17.92, 15.38
CIE LCh	77, 23.617, 40.641
Yxy	51.8088, 0.3751, 0.3462
Android (android.graphics.Color)	4293505699 (0xFFE9B2A3)
YUV	192.7350, -14.6594, 35.3124
Hunter-Lab	71.9783, 13.2446, 16.0296

# Details

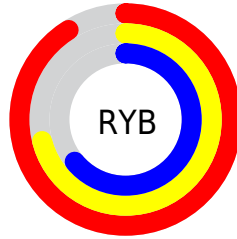
The Yxy color **51.8088, 0.3751, 0.3462** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.8188, 0.2675, 0.3110**, and the grayscale version is **53.2379, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.1676, 0.3375, 0.3450**, and **25.0450, 0.3929, 0.3501** is the 20% darker color. If you saturate the color by 10%, you get **44.2442, 0.4046, 0.3521**, and if you desaturate by 10%, it is **60.5047, 0.3504, 0.3402**.

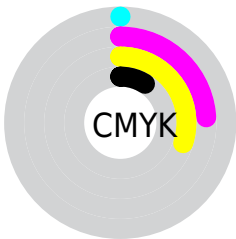
# Distribution



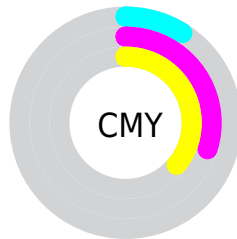
- Red (91%)
- Green (70%)
- Blue (64%)



- Red (91%)
- Yellow (71%)
- Blue (64%)



- Cyan (0%)
- Magenta (24%)
- Yellow (30%)
- Black (9%)




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


# Brightness & Saturation Gradients

These gradients show how the Yxy color 51.8088, 0.3751, 0.3462 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 51.8088, 0.3751, 0.3462 by changing the saturation by 10% instead.





 51.8088, 0.3751,  
0.3462


 51.8088, 0.3751,  
0.3462

393.6980, 0.3442,  
0.3385

 36.8527, 0.3827,  
0.3478


 92.8492, 0.3639,  
0.3436

 25.0935, 0.3924,  
0.3498


 119.7023, 0.3597,  
0.3426

 16.1467, 0.4052,  
0.3521


151.2898, 0.3561,  
0.3417

 9.6280, 0.4226,  
0.3548

187.9962, 0.3531,  
0.3409

 5.1530, 0.4479,  
0.3576

230.2058, 0.3504,  
0.3402

 2.3373, 0.4873,  
0.3597

278.3031, 0.3481,

 0.7934, 0.6103,

0.3396

0.3897

332.6723, 0.3460,  
0.3390

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

51.8088, 0.3751,  
0.3462

51.8088, 0.3751,  
0.3462

44.2442, 0.4046,  
0.3521

60.5047, 0.3504,  
0.3402

37.7569, 0.4389,  
0.3575

70.3685, 0.3298,  
0.3344

32.2993, 0.4776,  
0.3615

81.4442, 0.3128,  
0.3290

27.8172, 0.5187,  
0.3632

93.6920, 0.2993,  
0.3252

■ 24.2515, 0.5587,  
0.3616

■ 96.0607, 0.2993,  
0.3290

■ 21.5359, 0.5927,  
0.3562

■ 19.5918, 0.6172,  
0.3481

# Harmonies

## Analogous

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



51.8088, 0.3597, 0.3197



51.8088, 0.3751, 0.3462



51.8088, 0.3726, 0.3700

# Triad

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



51.8088, 0.3751, 0.3462



51.8088, 0.2925, 0.3652



51.8088, 0.2717, 0.2767

# Complementary

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



51.8088, 0.3751, 0.3462



63.8188, 0.2675, 0.3110

# 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.



51.8088, 0.2557, 0.2854



51.8088, 0.3751, 0.3462



51.8088, 0.2672, 0.3361

# Square

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



51.8088, 0.3751, 0.3462



51.8088, 0.3240, 0.3833



51.8088, 0.2541, 0.3066



51.8088, 0.2989, 0.2810



# Rectangle

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



51.8088, 0.3751, 0.3462



51.8088, 0.3615, 0.3810



51.8088, 0.2541, 0.3066



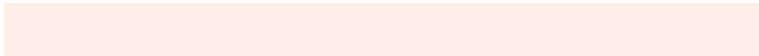
51.8088, 0.2649, 0.2781

# Sweetspot

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



51.8112, 0.3751, 0.3462



87.6363, 0.3280, 0.3339



48.6415, 0.3279, 0.2682



18.3547, 0.3307, 0.3347



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.



51.8112, 0.3751, 0.3462



57.7184, 0.3926, 0.3499



67.0524, 0.3642, 0.3830



15.5767, 0.3288, 0.3341



11.2653, 0.6148, 0.3500



1.0220, 0.5886, 0.3708

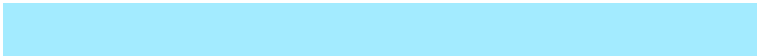


# Inverse Universe

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



63.8188, 0.2675, 0.3110



74.6425, 0.2589, 0.3067



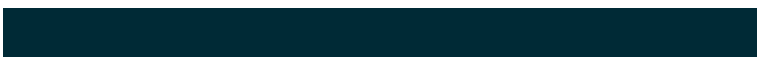
47.9613, 0.2627, 0.2683



16.5426, 0.2981, 0.3238



22.7699, 0.2052, 0.2587



1.9241, 0.2082, 0.2695



# Previews

## White Background



This preview shows how the Yxy color 51.8088, 0.3751, 0.3462 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 51.8088, 0.3751, 0.3462 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

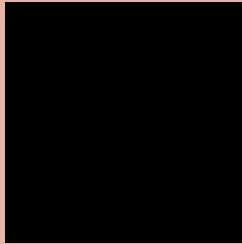
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 51.8088, 0.3751, 0.3462**

## Background



This preview shows how black text looks on a background with the Yxy color 51.8088, 0.3751, 0.3462.



This preview shows how white text looks on a background with the Yxy color 51.8088, 0.3751, 0.3462.

# 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

51.8088, 0.3751, 0.3462

### Protanopia

51.8336, 0.3367, 0.3552

### Deuteranopia

52.1053, 0.3624, 0.3551



## Tritanopia

51.7358, 0.3564, 0.3135

# Trichromacy



**Original Color**

51.8088, 0.3751, 0.3462

**Protanomaly**

51.7567, 0.3497, 0.3521

**Deuteranomaly**

52.0721, 0.3675, 0.3524

**Tritanomaly**

51.5768, 0.3634, 0.3247

# Monochromacy



**Original Color**

51.8088, 0.3751, 0.3462

**Achromatopsia**

53.3276, 0.3127, 0.3290

**Achromatomaly**

52.7537, 0.3343, 0.3363

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 51.8088, 0.3751, 0.3462 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(233, 178, 163)` looks like.

```
.text, #text, p{  
    color:rgb(233, 178, 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(233, 178, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 178, 163) }
```

## Border

The CSS property to change the border of an element to Yxy 51.8088, 0.3751, 0.3462 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(233, 178, 163) }
```

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

```
.border{ border-color:rgb(233, 178, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 178, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 178, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 178, 163); box-shadow:4px 4px 4px 4px rgb(233, 178, 163) }
```



# Background

The CSS property to change the background color of an element to Yxy 51.8088, 0.3751, 0.3462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 178, 163) }
```

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

```
.background{ background-color: rgb(233,  
178, 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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