

# Converting Colors

Yxy(52.1667, 0.3822, 0.3336)

Have a look what the booklet for  
Yxy(52.1667, 0.3822, 0.3336)  
contains.

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# Color

**Yxy(52.1642, 0.3822, 0.3336)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5ADA9
RGB	245, 173, 169
RGB Percent	96%, 68%, 66%
CMY	0.0391, 0.3216, 0.3374
CMYK	0.00, 0.29, 0.31, 0.04
HSL	3°, 79%, 81%
HSV	3°, 31%, 96%
XYZ	59.7637, 52.1642, 44.4396
YIQ	194.0720, 44.1960, 14.0200

# Conversions

## Conversions Part 2

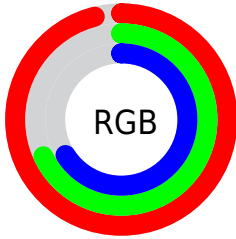
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 173, 169
Decimal	16100777
CIE Lab	77.38, 25.86, 12.64
CIE LCh	77, 28.784, 26.057
Yxy	52.1642, 0.3822, 0.3336
Android (android.graphics.Color)	4294290857 (0xFFF5ADA9)
YUV	194.0720, -12.3605, 44.6639
Hunter-Lab	72.2248, 21.3096, 14.0764

# Details

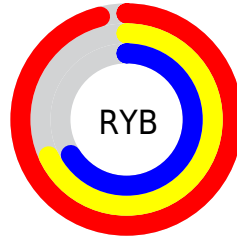
The Yxy color **52.1642, 0.3822, 0.3336** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **77.9291, 0.2676, 0.3243**, and the grayscale version is **54.0493, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.6804, 0.3342, 0.3340**, and **25.2821, 0.4013, 0.3335** is the 20% darker color. If you saturate the color by 10%, you get **43.1919, 0.4159, 0.3351**, and if you desaturate by 10%, it is **62.8591, 0.3546, 0.3320**.

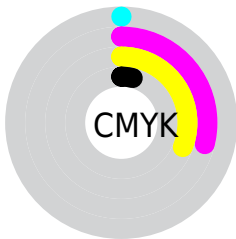
# Distribution



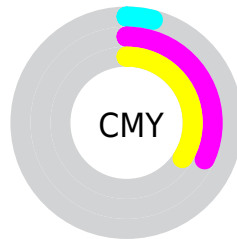
- Red (96%)
- Green (68%)
- Blue (66%)



- Red (96%)
- Yellow (68%)
- Blue (66%)



- Cyan (0%)
- Magenta (29%)
- Yellow (31%)
- Black (4%)




- Cyan (4%)
- Magenta (32%)
- Yellow (34%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 52.1642, 0.3822, 0.3336 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 52.1642, 0.3822, 0.3336 by changing the saturation by 10% instead.




 52.1642, 0.3822,  
0.3336

 52.1642, 0.3822,  
0.3336


395.0702, 0.3478,  
0.3322

 37.1360, 0.3907,  
0.3337


 93.3734, 0.3698,  
0.3333

 25.3128, 0.4014,  
0.3337


120.3231, 0.3651,  
0.3331

 16.3102, 0.4156,  
0.3334


152.0154, 0.3611,  
0.3329

 9.7440, 0.4351,  
0.3325

188.8348, 0.3577,  
0.3328

 5.2295, 0.4632,  
0.3304

231.1655, 0.3547,  
0.3326

 2.3826, 0.5070,  
0.3249

279.3921, 0.3521,

 0.8169, 0.6525,

0.3325

0.3452

333.8988, 0.3498,  
0.3323

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

52.1642, 0.3822,  
0.3336

52.1642, 0.3822,  
0.3336

43.1919, 0.4159,  
0.3351

62.8591, 0.3546,  
0.3320

35.8452, 0.4560,  
0.3364

75.3523, 0.3323,  
0.3305

30.0289, 0.5013,  
0.3372

89.7237, 0.3144,  
0.3291

25.6351, 0.5483,  
0.3372

98.1558, 0.3066,  
0.3290

■ 22.5414, 0.5909,  
0.3361

■ 20.6052, 0.6220,  
0.3340

■ 19.7033, 0.6373,  
0.3322

# Harmonies

## Analogous

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



52.1642, 0.3544, 0.3032



52.1642, 0.3822, 0.3336



52.1642, 0.3899, 0.3648

# Triad

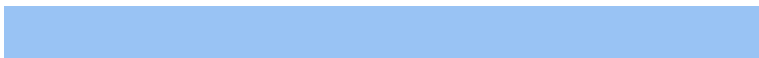
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.1642, 0.3822, 0.3336



52.1642, 0.3060, 0.3868



52.1642, 0.2519, 0.2690

# Complementary

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



52.1642, 0.3822, 0.3336



77.9291, 0.2676, 0.3243

# 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.



52.1642, 0.2410, 0.2865



52.1642, 0.3822, 0.3336



52.1642, 0.2709, 0.3558

# Square

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



52.1642, 0.3822, 0.3336



52.1642, 0.3444, 0.3988



52.1642, 0.2476, 0.3180



52.1642, 0.2785, 0.2670



# Rectangle

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



52.1642, 0.3822, 0.3336



52.1642, 0.3826, 0.3824



52.1642, 0.2476, 0.3180



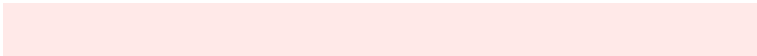
52.1642, 0.2464, 0.2731

# Sweetspot

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



52.1667, 0.3822, 0.3336



85.5178, 0.3284, 0.3302



54.1445, 0.3193, 0.2552



17.8374, 0.3312, 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.



52.1667, 0.3822, 0.3336



50.9663, 0.4018, 0.3345



68.7670, 0.3698, 0.3737



16.6233, 0.3292, 0.3303



10.6721, 0.6363, 0.3330



0.9866, 0.6269, 0.3404

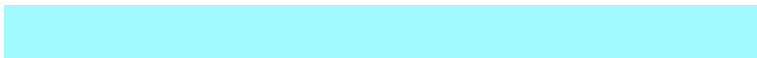


# Inverse Universe

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



77.9291, 0.2676, 0.3243



83.1318, 0.2600, 0.3233



57.8281, 0.2623, 0.2797



18.5984, 0.2981, 0.3277



34.7139, 0.2201, 0.3124



3.0963, 0.2207, 0.3146



# Previews

## White Background



This preview shows how the Yxy color 52.1642, 0.3822, 0.3336 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 52.1642, 0.3822, 0.3336 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 52.1642, 0.3822, 0.3336**

## Background



This preview shows how black text looks on a background with the Yxy color 52.1642, 0.3822, 0.3336.



This preview shows how white text looks on a background with the Yxy color 52.1642, 0.3822, 0.3336.

# 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

52.1642, 0.3822, 0.3336

### Protanopia

52.4817, 0.3285, 0.3452

### Deuteranopia

52.1311, 0.3573, 0.3492



## Tritanopia

52.3607, 0.3706, 0.3152

# Trichromacy



## Original Color

52.1642, 0.3822, 0.3336

## Protanomaly

51.8232, 0.3469, 0.3398

## Deuteranomaly

51.9637, 0.3656, 0.3430

## Tritanomaly

52.3526, 0.3741, 0.3216

# Monochromacy



## Original Color

52.1642, 0.3822, 0.3336

## Achromatopsia

53.9479, 0.3127, 0.3290

## Achromatomaly

52.7667, 0.3365, 0.3303

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 52.1642, 0.3822, 0.3336 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(245, 173, 169)` looks like.

```
.text, #text, p{  
    color:rgb(245, 173, 169)  
}
```

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(245, 173, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 173, 169) }
```

## Border

The CSS property to change the border of an element to Yxy 52.1642, 0.3822, 0.3336 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(245, 173, 169) }
```

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

```
.border{ border-color:rgb(245, 173, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 173, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 173, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 173, 169);  
box-shadow:4px 4px 4px 4px rgb(245, 173,  
169) }
```



# Background

The CSS property to change the background color of an element to Yxy 52.1642, 0.3822, 0.3336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 173, 169) }
```

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

```
.background{ background-color: rgb(245,  
173, 169) }
```

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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