

# Converting Colors

$Yxy(44.6356, 0.4198, 0.3529)$

Have a look what the booklet for  
Yxy(44.6356, 0.4198, 0.3529)  
contains.

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# Color

**Yxy(44.4034, 0.4197, 0.3524)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F29C87
RGB	242, 156, 135
RGB Percent	95%, 61%, 53%
CMY	0.0509, 0.3882, 0.4705
CMYK	0.00, 0.36, 0.44, 0.05
HSL	12°, 80%, 74%
HSV	12°, 44%, 95%
XYZ	52.8834, 44.4034, 28.7160
YIQ	179.3200, 57.9970, 11.7010

# Conversions

## Conversions Part 2

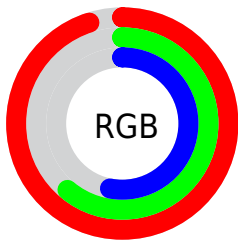
Format	Color
R <sub>Y</sub> B	242, 161, 135
Decimal	15899783
CIE Lab	72.50, 29.79, 24.32
CIE LCh	72, 38.457, 39.234
Yxy	44.4034, 0.4197, 0.3524
Android (android.graphics.Color)	4294089863 (0xFFFF29C87)
YUV	179.3200, -21.8498, 54.9704
Hunter-Lab	66.6359, 25.0479, 21.0947

# Details

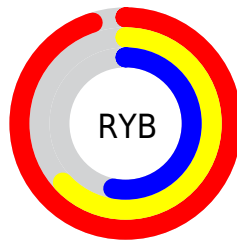
The Yxy color **44.4034, 0.4197, 0.3524** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.2986, 0.2487, 0.3033**, and the grayscale version is **45.3568, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.4794, 0.3634, 0.3528**, and **20.6238, 0.4508, 0.3559** is the 20% darker color. If you saturate the color by 10%, you get **37.7841, 0.4568, 0.3569**, and if you desaturate by 10%, it is **52.2280, 0.3876, 0.3471**.

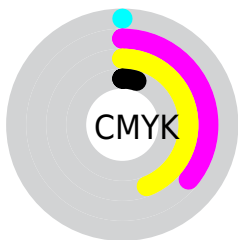
# Distribution



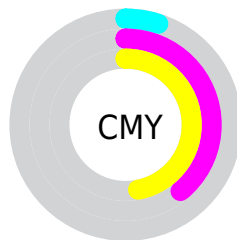
- Red (95%)
- Green (61%)
- Blue (53%)



- Red (95%)
- Yellow (63%)
- Blue (53%)



- Cyan (0%)
- Magenta (36%)
- Yellow (44%)
- Black (5%)




- Cyan (5%)
- Magenta (39%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 44.4034, 0.4197, 0.3524 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 44.4034, 0.4197, 0.3524 by changing the saturation by 10% instead.





 44.4034, 0.4197,  
0.3524

 44.4034, 0.4197,  
0.3524


364.3519, 0.3653,  
0.3430

 30.9878, 0.4333,  
0.3540


 81.8244, 0.3998,  
0.3495

 20.5895, 0.4508,  
0.3555


 106.5986, 0.3924,  
0.3483

 12.8243, 0.4738,  
0.3566


 135.9278, 0.3861,  
0.3472

 7.3077, 0.5052,  
0.3564

170.1963, 0.3808,  
0.3462

 3.6553, 0.5499,  
0.3525

209.7886, 0.3761,  
0.3452

 1.4826, 0.6458,  
0.3542

255.0890, 0.3721,

 0.2765, 0.7832,

0.3444

0.2168

306.4820, 0.3685,  
0.3437

0.0000, 0.0000,  
0.0000

44.4034, 0.4197,  
0.3524

44.4034, 0.4197,  
0.3524

37.7841, 0.4568,  
0.3569

52.2280, 0.3876,  
0.3471

32.3032, 0.4976,  
0.3597

61.3073, 0.3605,  
0.3416

27.8971, 0.5396,  
0.3598


71.6960, 0.3381,  
0.3362


24.4932, 0.5781,  
0.3566

83.4435, 0.3195,  
0.3310

22.0090, 0.6080,  
0.3499

96.5298, 0.3048,  
0.3273

 20.9468, 0.6208,  
0.3453

 97.6187, 0.3048,  
0.3290

# Harmonies

## Analogous

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



44.4034, 0.3917, 0.3100



44.4034, 0.4197, 0.3524



44.4034, 0.4154, 0.3933

# Triad

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



44.4034, 0.4197, 0.3524



44.4034, 0.2793, 0.3955



44.4034, 0.2422, 0.2429

# Complementary

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



44.4034, 0.4197, 0.3524



63.2986, 0.2487, 0.3033

# 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.



44.4034, 0.2181, 0.2560



44.4034, 0.4197, 0.3524



44.4034, 0.2376, 0.3424

# Square

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



44.4034, 0.4197, 0.3524



44.4034, 0.3323, 0.4260



44.4034, 0.2164, 0.2906



44.4034, 0.2858, 0.2498



# Rectangle

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



44.4034, 0.4197, 0.3524



44.4034, 0.3960, 0.4149



44.4034, 0.2164, 0.2906



44.4034, 0.2318, 0.2449

# Sweetspot

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



44.4056, 0.4197, 0.3524



82.2042, 0.3357, 0.3356



41.5105, 0.3357, 0.2381



17.0046, 0.3402, 0.3367



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.



44.4056, 0.4197, 0.3524



43.2754, 0.4526, 0.3565



65.8050, 0.3933, 0.4070



16.2603, 0.3288, 0.3337



11.4020, 0.6183, 0.3473



1.0829, 0.5942, 0.3664



# Inverse Universe

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



63.2986, 0.2487, 0.3033



66.9698, 0.2381, 0.2972



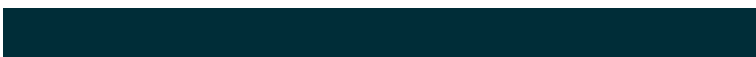
39.9061, 0.2369, 0.2352



17.3717, 0.2981, 0.3243



24.5024, 0.2069, 0.2649



2.1712, 0.2095, 0.2743



# Previews

## White Background



This preview shows how the Yxy color 44.4034, 0.4197, 0.3524 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 44.4034, 0.4197, 0.3524 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 44.4034, 0.4197, 0.3524**

## Background



This preview shows how black text looks on a background with the Yxy color 44.4034, 0.4197, 0.3524.



This preview shows how white text looks on a background with the Yxy color 44.4034, 0.4197, 0.3524.

# 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

44.4034, 0.4197, 0.3524

### Protanopia

44.7039, 0.3504, 0.3728

### Deuteranopia

44.4934, 0.3845, 0.3776



## Tritanopia

44.3339, 0.3945, 0.3172

# Trichromacy



**Original Color**

44.4034, 0.4197, 0.3524

**Protanomaly**

44.0824, 0.3747, 0.3655

**Deuteranomaly**

44.4955, 0.3975, 0.3685

**Tritanomaly**

44.1371, 0.4036, 0.3293

# Monochromacy



**Original Color**

44.4034, 0.4197, 0.3524

**Achromatopsia**

45.0786, 0.3127, 0.3290

**Achromatomaly**

44.3267, 0.3485, 0.3392

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 44.4034, 0.4197, 0.3524 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(242, 156, 135)` looks like.

```
.text, #text, p{  
    color:rgb(242, 156, 135)  
}
```

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(242, 156, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 156, 135) }
```

## Border

The CSS property to change the border of an element to Yxy 44.4034, 0.4197, 0.3524 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(242, 156, 135) }
```

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

```
.border{ border-color:rgb(242, 156, 135) }
```

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

Here you see how a box with a 4 pixel rgb(242, 156, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 156, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 156, 135);  
box-shadow:4px 4px 4px 4px rgb(242, 156,  
135) }
```



# Background

The CSS property to change the background color of an element to Yxy 44.4034, 0.4197, 0.3524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 156, 135) }
```

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

```
.background{ background-color: rgb(242,  
156, 135) }
```

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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