

# Converting Colors

$Y_{xy}(44.1285, 0.4317, 0.3627)$

Have a look what the booklet for  
Yxy(44.1285, 0.4317, 0.3627)  
contains.

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# Color

**Yxy(43.9780, 0.4312, 0.3620)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F39B7D
RGB	243, 155, 125
RGB Percent	95%, 61%, 49%
CMY	0.0470, 0.3921, 0.5099
CMYK	0.00, 0.36, 0.49, 0.05
HSL	15°, 83%, 72%
HSV	15°, 49%, 95%
XYZ	52.3848, 43.9780, 25.1233
YIQ	177.8920, 62.0780, 9.3260

# Conversions

## Conversions Part 2

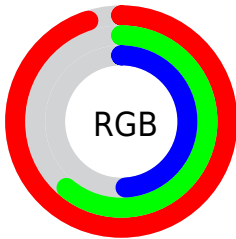
Format	Color
R <sub>Y</sub> B	243, 165, 125
Decimal	15965053
CIE Lab	72.21, 29.71, 29.42
CIE LCh	72, 41.817, 44.719
Yxy	43.9780, 0.4312, 0.3620
Android (android.graphics.Color)	4294155133 (0xFFFF39B7D)
YUV	177.8920, -26.0758, 57.0997
Hunter-Lab	66.3159, 24.9494, 23.9595

# Details

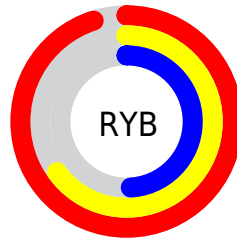
The Yxy color **43.9780, 0.4312, 0.3620** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **58.4074, 0.2417, 0.2915**, and the grayscale version is **44.5773, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.5675, 0.3712, 0.3622**, and **20.4126, 0.4650, 0.3662** is the 20% darker color. If you saturate the color by 10%, you get **37.8480, 0.4679, 0.3672**, and if you desaturate by 10%, it is **51.1691, 0.3986, 0.3555**.

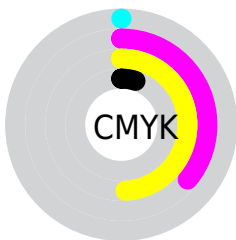
# Distribution



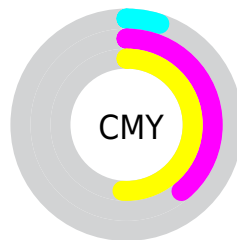
- Red (95%)
- Green (61%)
- Blue (49%)



- Red (95%)
- Yellow (65%)
- Blue (49%)



- Cyan (0%)
- Magenta (36%)
- Yellow (49%)
- Black (5%)




- Cyan (5%)
- Magenta (39%)
- Yellow (51%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 43.9780, 0.4312, 0.3620 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 43.9780, 0.4312, 0.3620 by changing the saturation by 10% instead.





 43.9780, 0.4312,  
0.3620


 43.9780, 0.4312,  
0.3620


362.6185, 0.3711,  
0.3484


 30.6532, 0.4461,  
0.3643


 81.1846, 0.4093,  
0.3578

 20.3349, 0.4651,  
0.3666


 105.8353, 0.4011,  
0.3560

 12.6387, 0.4899,  
0.3684


 135.0300, 0.3942,  
0.3544

 7.1803, 0.5232,  
0.3686

169.1532, 0.3882,  
0.3530

 3.5751, 0.5712,  
0.3654

208.5892, 0.3831,  
0.3517

 1.4388, 0.6468,  
0.3532

253.7225, 0.3786,

 0.2451, 0.7973,

0.3505

0.2027

304.9375, 0.3746,  
0.3494

0.0000, 0.0000,  
0.0000

43.9780, 0.4312,  
0.3620

43.9780, 0.4312,  
0.3620

37.8480, 0.4679,  
0.3672

51.1691, 0.3986,  
0.3555

32.7212, 0.5072,  
0.3700

59.4626, 0.3705,  
0.3484

28.5436, 0.5460,  
0.3693

68.9054, 0.3469,  
0.3413

25.2532, 0.5803,  
0.3643

79.5398, 0.3270,  
0.3345

22.7765, 0.6062,  
0.3555

91.4059, 0.3105,  
0.3281

■ 22.4807, 0.6095,  
0.3543

■ 97.7951, 0.3054,  
0.3290

# Harmonies

## Analogous

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



43.9780, 0.4069, 0.3161



43.9780, 0.4312, 0.3620



43.9780, 0.4197, 0.4053

# Triad

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



43.9780, 0.4312, 0.3620



43.9780, 0.2665, 0.3925



43.9780, 0.2434, 0.2358

# Complementary

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



43.9780, 0.4312, 0.3620



58.4074, 0.2417, 0.2915

# 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.



43.9780, 0.2135, 0.2454



43.9780, 0.4312, 0.3620



43.9780, 0.2252, 0.3320

# Square

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



43.9780, 0.4312, 0.3620



43.9780, 0.3226, 0.4322



43.9780, 0.2071, 0.2781



43.9780, 0.2936, 0.2470



# Rectangle

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



43.9780, 0.4312, 0.3620



43.9780, 0.3950, 0.4271



43.9780, 0.2071, 0.2781



43.9780, 0.2310, 0.2365

# Sweetspot

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



43.9802, 0.4312, 0.3620



80.9113, 0.3395, 0.3388



38.5473, 0.3465, 0.2370



16.7971, 0.3438, 0.3403



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.



43.9802, 0.4312, 0.3620



42.4907, 0.4663, 0.3670



68.3744, 0.3983, 0.4217



17.1676, 0.3287, 0.3351



12.5195, 0.6068, 0.3564



1.2586, 0.5827, 0.3756



# Inverse Universe

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



58.4074, 0.2417, 0.2915



60.1710, 0.2304, 0.2827



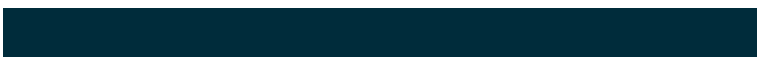
34.1023, 0.2269, 0.2134



18.0022, 0.2980, 0.3228



21.9571, 0.2012, 0.2443



2.0934, 0.2045, 0.2562



# Previews

## White Background



This preview shows how the Yxy color 43.9780, 0.4312, 0.3620 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 43.9780, 0.4312, 0.3620 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 43.9780, 0.4312, 0.3620**

## Background



This preview shows how black text looks on a background with the Yxy color 43.9780, 0.4312, 0.3620.

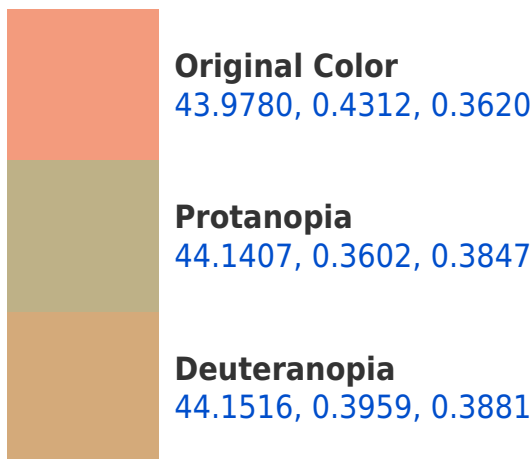


This preview shows how white text looks on a background with the Yxy color 43.9780, 0.4312, 0.3620.

# 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





## Tritanopia

43.9787, 0.3993, 0.3173

# Trichromacy



## Original Color

43.9780, 0.4312, 0.3620

## Protanomaly

43.5699, 0.3854, 0.3766

## Deuteranomaly

44.0283, 0.4084, 0.3788

## Tritanomaly

44.0071, 0.4112, 0.3337

# Monochromacy



## Original Color

43.9780, 0.4312, 0.3620

## Achromatopsia

44.5201, 0.3127, 0.3290

## Achromatomaly

43.8092, 0.3524, 0.3431

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 43.9780, 0.4312, 0.3620 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(243, 155, 125)` looks like.

```
.text, #text, p{  
    color:rgb(243, 155, 125)  
}
```

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(243, 155, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 155, 125) }
```

## Border

The CSS property to change the border of an element to Yxy 43.9780, 0.4312, 0.3620 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(243, 155, 125) }
```

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

```
.border{ border-color:rgb(243, 155, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 155, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 155, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 155, 125);  
box-shadow:4px 4px 4px 4px rgb(243, 155,  
125) }
```



# Background

The CSS property to change the background color of an element to Yxy 43.9780, 0.4312, 0.3620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 155, 125) }
```

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

```
.background{ background-color: rgb(243,  
155, 125) }
```

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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