

# Converting Colors

Yxy(44.9602, 0.4448, 0.3569)

Have a look what the booklet for  
Yxy(44.9602, 0.4448, 0.3569)  
contains.

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# Color

**Yxy(44.8739, 0.4445, 0.3562)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF977D
RGB	255, 151, 125
RGB Percent	100%, 59%, 49%
CMY	0.0001, 0.4077, 0.5099
CMYK	0.00, 0.41, 0.51, 0.00
HSL	12°, 100%, 75%
HSV	12°, 51%, 100%
XYZ	55.9979, 44.8739, 25.1077
YIQ	179.1320, 70.3300, 13.9620

# Conversions

## Conversions Part 2

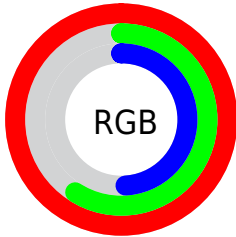
Format	Color
R <sub>Y</sub> B	255, 158, 125
Decimal	16750461
CIE Lab	72.81, 36.36, 30.47
CIE LCh	73, 47.446, 39.964
Yxy	44.8739, 0.4445, 0.3562
Android (android.graphics.Color)	4294940541 (0xFFFF977D)
YUV	179.1320, -26.6871, 66.5362
Hunter-Lab	66.9880, 31.9862, 24.6691

# Details

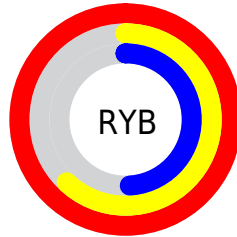
The Yxy color **44.8739, 0.4445, 0.3562** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **67.5727, 0.2403, 0.2979**, and the grayscale version is **45.2723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.6170, 0.3724, 0.3582**, and **20.7265, 0.4813, 0.3573** is the 20% darker color. If you saturate the color by 10%, you get **38.2998, 0.4844, 0.3597**, and if you desaturate by 10%, it is **52.7546, 0.4089, 0.3513**.

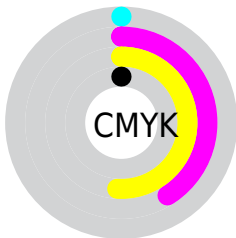
# Distribution



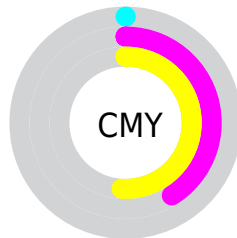
- Red (100%)
- Green (59%)
- Blue (49%)



- Red (100%)
- Yellow (62%)
- Blue (49%)



- Cyan (0%)
- Magenta (41%)
- Yellow (51%)
- Black (0%)



- Cyan (0%)
- Magenta (41%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 44.8739, 0.4445, 0.3562 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 44.8739, 0.4445, 0.3562 by changing the saturation by 10% instead.





 44.8739, 0.4445,  
0.3562

 44.8739, 0.4445,  
0.3562


366.2626, 0.3779,  
0.3462


 31.3581, 0.4609,  
0.3574


 82.5312, 0.4204,  
0.3535

 20.8717, 0.4817,  
0.3582

 107.4414, 0.4113,  
0.3522

 13.0302, 0.5087,  
0.3580


 136.9186, 0.4036,  
0.3510

 7.4494, 0.5445,  
0.3551

171.3472, 0.3969,  
0.3499

 3.7447, 0.5954,  
0.3472

211.1114, 0.3912,  
0.3488

 1.5318, 0.6726,  
0.3274

256.5958, 0.3862,

 0.3109, 0.7984,

0.3479

0.2016

308.1848, 0.3818,  
0.3470

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

44.8739, 0.4445,  
0.3562

44.8739, 0.4445,  
0.3562

38.2998, 0.4844,  
0.3597

52.7546, 0.4089,  
0.3513

32.9541, 0.5263,  
0.3608

62.0009, 0.3785,  
0.3457

28.7603, 0.5664,  
0.3587

72.6765, 0.3529,  
0.3401

25.6302, 0.5994,  
0.3529

84.8390, 0.3317,  
0.3346

■ 23.6281, 0.6204,  
0.3456

■ 98.5428, 0.3143,  
0.3295

99.9932, 0.3127,  
0.3290

# Harmonies

## Analogous

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



44.8739, 0.4112, 0.3062



44.8739, 0.4445, 0.3562



44.8739, 0.4369, 0.4057

# Triad

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



44.8739, 0.4445, 0.3562



44.8739, 0.2694, 0.4110



44.8739, 0.2285, 0.2255

# Complementary

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



44.8739, 0.4445, 0.3562



67.5727, 0.2403, 0.2979

# 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.



44.8739, 0.1997, 0.2394



44.8739, 0.4445, 0.3562



44.8739, 0.2205, 0.3429

# Square

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



44.8739, 0.4445, 0.3562



44.8739, 0.3332, 0.4497



44.8739, 0.1967, 0.2792



44.8739, 0.2808, 0.2348



# Rectangle

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



44.8739, 0.4445, 0.3562



44.8739, 0.4118, 0.4332



44.8739, 0.1967, 0.2792



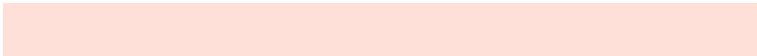
44.8739, 0.2161, 0.2274

# Sweetspot

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



44.8762, 0.4445, 0.3562



79.7906, 0.3398, 0.3368



41.5728, 0.3424, 0.2271



16.5301, 0.3442, 0.3379



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.



44.8762, 0.4445, 0.3562



38.2989, 0.4844, 0.3597



71.8305, 0.4065, 0.4203



18.5762, 0.3289, 0.3338



12.5154, 0.6179, 0.3476



1.3637, 0.5974, 0.3638

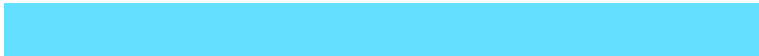


# Inverse Universe

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



67.5727, 0.2403, 0.2979



63.1207, 0.2296, 0.2907



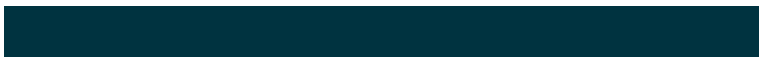
38.1208, 0.2238, 0.2145



19.8267, 0.2980, 0.3241



26.5329, 0.2065, 0.2632



2.7330, 0.2088, 0.2716



# Previews

## White Background



This preview shows how the Yxy color 44.8739, 0.4445, 0.3562 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 44.8739, 0.4445, 0.3562 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 44.8739, 0.4445, 0.3562**

## Background



This preview shows how black text looks on a background with the Yxy color 44.8739, 0.4445, 0.3562.



This preview shows how white text looks on a background with the Yxy color 44.8739, 0.4445, 0.3562.

# 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

44.8739, 0.4445, 0.3562

### Protanopia

45.1227, 0.3588, 0.3843

### Deuteranopia

44.8024, 0.3982, 0.3900



## Tritanopia

44.9084, 0.4117, 0.3188

# Trichromacy



**Original Color**

44.8739, 0.4445, 0.3562

**Protanomaly**

44.3655, 0.3884, 0.3733

**Deuteranomaly**

44.6141, 0.4156, 0.3776

**Tritanomaly**

44.8302, 0.4240, 0.3325

# Monochromacy



**Original Color**

44.8739, 0.4445, 0.3562

**Achromatopsia**

45.0786, 0.3127, 0.3290

**Achromatomaly**

44.1445, 0.3574, 0.3416

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 44.8739, 0.4445, 0.3562 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(255, 151, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 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(255, 151, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 125) }
```

## Border

The CSS property to change the border of an element to Yxy 44.8739, 0.4445, 0.3562 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(255, 151, 125) }
```

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

```
.border{ border-color:rgb(255, 151, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 151, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
125) }
```



# Background

The CSS property to change the background color of an element to Yxy 44.8739, 0.4445, 0.3562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 125) }
```

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

```
.background{ background-color: rgb(255,  
151, 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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