

# Converting Colors

Yxy(56.6393, 0.5121, 0.3530)

Have a look what the booklet for  
Yxy(56.6393, 0.5121, 0.3530)  
contains.

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# Color

**Yxy(42.0526, 0.4637, 0.3616)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF8F6F
RGB	255, 143, 111
RGB Percent	100%, 56%, 44%
CMY	0.0001, 0.4391, 0.5647
CMYK	0.00, 0.44, 0.56, 0.00
HSL	13°, 100%, 72%
HSV	13°, 56%, 100%
XYZ	53.9264, 42.0526, 20.3169
YIQ	172.8400, 77.0240, 13.7920

# Conversions

## Conversions Part 2

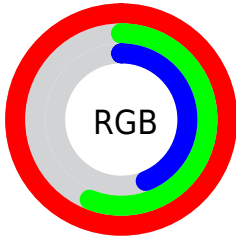
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 152, 111
Decimal	16748399
CIE <sub>Lab</sub>	70.91, 39.33, 35.55
CIE <sub>LCh</sub>	71, 53.016, 42.114
Yxy	42.0526, 0.4637, 0.3616
Android (android.graphics.Color)	4294938479 (0xFFFF8F6F)
YUV	172.8400, -30.4871, 72.0543
Hunter-Lab	64.8480, 34.9534, 26.8180

# Details

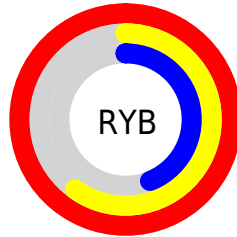
The Yxy color **42.0526, 0.4637, 0.3616** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **63.3588, 0.2334, 0.2900**, and the grayscale version is **41.8350, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.2925, 0.3870, 0.3657**, and **19.2993, 0.5065, 0.3640** is the 20% darker color. If you saturate the color by 10%, you get **36.1333, 0.5042, 0.3643**, and if you desaturate by 10%, it is **49.1888, 0.4264, 0.3568**.

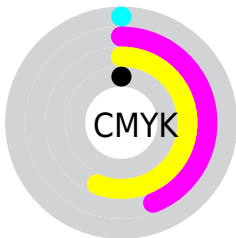
# Distribution



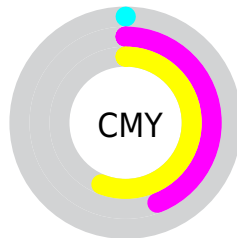
- Red (100%)
- Green (56%)
- Blue (44%)



- Red (100%)
- Yellow (60%)
- Blue (44%)



- Cyan (0%)
- Magenta (44%)
- Yellow (56%)
- Black (0%)




- Cyan (0%)
- Magenta (44%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 42.0526, 0.4637, 0.3616 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 42.0526, 0.4637, 0.3616 by changing the saturation by 10% instead.





 42.0526, 0.4637,  
0.3616

 42.0526, 0.4637,  
0.3616

354.7009, 0.3870,  
0.3501

 29.1425, 0.4825,  
0.3627


 78.2792, 0.4359,  
0.3587


 19.1886, 0.5062,  
0.3629

 102.3645, 0.4254,  
0.3573

 11.8067, 0.5366,  
0.3614


 130.9437, 0.4165,  
0.3558

 6.6122, 0.5762,  
0.3557

 164.4011, 0.4089,  
0.3545

 3.2208, 0.6460,  
0.3503

203.1211, 0.4023,  
0.3533

 1.2480, 0.6953,  
0.3047

247.4881, 0.3966,

 0.1004, 0.9145,

0.3522

0.0855

297.8866, 0.3915,  
0.3511

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

42.0526, 0.4637,  
0.3616

42.0526, 0.4637,  
0.3616

36.1333, 0.5042,  
0.3643

49.1888, 0.4264,  
0.3568

31.3550, 0.5448,  
0.3640

57.5991, 0.3937,  
0.3510

27.6428, 0.5812,  
0.3597

67.3448, 0.3660,  
0.3447

24.9092, 0.6087,  
0.3518

78.4814, 0.3427,  
0.3385

■ 24.1514, 0.6164,  
0.3488

■ 91.0610, 0.3234,  
0.3326

99.9959, 0.3127,  
0.3290

# Harmonies

## Analogous

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



42.0526, 0.4293, 0.3062



42.0526, 0.4637, 0.3616



42.0526, 0.4504, 0.4171

# Triad

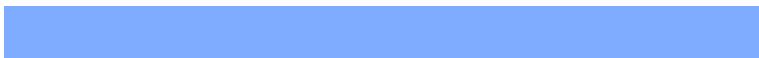
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



42.0526, 0.4637, 0.3616



42.0526, 0.2580, 0.4190



42.0526, 0.2211, 0.2131

# Complementary

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



42.0526, 0.4637, 0.3616



63.3588, 0.2334, 0.2900

# 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.



42.0526, 0.1877, 0.2256



42.0526, 0.4637, 0.3616



42.0526, 0.2056, 0.3381

# Square

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



42.0526, 0.4637, 0.3616



42.0526, 0.3291, 0.4670



42.0526, 0.1820, 0.2671



42.0526, 0.2811, 0.2253



# Rectangle

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



42.0526, 0.4637, 0.3616



42.0526, 0.4196, 0.4485



42.0526, 0.1820, 0.2671



42.0526, 0.2069, 0.2143

# Sweetspot

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



42.0548, 0.4637, 0.3616



77.8609, 0.3438, 0.3388



37.9977, 0.3491, 0.2198



16.1653, 0.3482, 0.3401



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.



42.0548, 0.4637, 0.3616



35.3325, 0.5105, 0.3645



70.5922, 0.4162, 0.4308



18.6418, 0.3289, 0.3344



12.8019, 0.6138, 0.3509



1.4004, 0.5926, 0.3676



# Inverse Universe

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



63.3588, 0.2334, 0.2900



58.3379, 0.2220, 0.2806



32.9915, 0.2133, 0.1965



19.7559, 0.2980, 0.3236



25.1822, 0.2043, 0.2555



2.6125, 0.2069, 0.2649



# Previews

## White Background



This preview shows how the Yxy color 42.0526, 0.4637, 0.3616 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 42.0526, 0.4637, 0.3616 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 42.0526, 0.4637, 0.3616**

## Background



This preview shows how black text looks on a background with the Yxy color 42.0526, 0.4637, 0.3616.



This preview shows how white text looks on a background with the Yxy color 42.0526, 0.4637, 0.3616.

# 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

42.0526, 0.4637, 0.3616

### Protanopia

42.2670, 0.3688, 0.3976

### Deuteranopia

42.1829, 0.4105, 0.4013



## Tritanopia

42.1861, 0.4250, 0.3200

# Trichromacy



**Original Color**

42.0526, 0.4637, 0.3616

**Protanomaly**

41.5233, 0.4025, 0.3835

**Deuteranomaly**

41.8673, 0.4304, 0.3866

**Tritanomaly**

42.0590, 0.4399, 0.3356

# Monochromacy



**Original Color**

42.0526, 0.4637, 0.3616

**Achromatopsia**

41.7885, 0.3127, 0.3290

**Achromatomaly**

40.7392, 0.3641, 0.3445

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 42.0526, 0.4637, 0.3616 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, 143, 111)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 111)  
}
```

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, 143, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 111) }
```

## Border

The CSS property to change the border of an element to Yxy 42.0526, 0.4637, 0.3616 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, 143, 111) }
```

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

```
.border{ border-color:rgb(255, 143, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 143, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 111);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
111) }
```



# Background

The CSS property to change the background color of an element to Yxy 42.0526, 0.4637, 0.3616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 143, 111) }
```

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

```
.background{ background-color: rgb(255,  
143, 111) }
```

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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