

# Converting Colors

Yxy(60.0246, 0.4975, 0.3310)

Have a look what the booklet for  
Yxy(60.0246, 0.4975, 0.3310)  
contains.

<b>Yxy(42.1738, 0.4356, 0.3314)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(42.1738, 0.4356, 0.3314)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF8D8B
RGB	255, 141, 139
RGB Percent	100%, 55%, 55%
CMY	0.0000, 0.4471, 0.4548
CMYK	0.00, 0.45, 0.45, 0.00
HSL	1°, 100%, 77%
HSV	1°, 45%, 100%
XYZ	55.4342, 42.1738, 29.6515
YIQ	174.8580, 68.5860, 23.5460

# Conversions

## Conversions Part 2

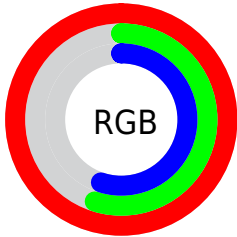
Format	Color
R <sub>Y</sub> B	255, 141, 139
Decimal	16747915
CIE Lab	70.99, 42.79, 20.35
CIE LCh	71, 47.382, 25.432
Yxy	42.1738, 0.4356, 0.3314
Android (android.graphics.Color)	4294937995 (0xFFFF8D8B)
YUV	174.8580, -17.6780, 70.2845
Hunter-Lab	64.9414, 38.7210, 18.3878

# Details

The Yxy color **42.1738, 0.4356, 0.3314** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.9815, 0.2512, 0.3266**, and the grayscale version is **42.8549, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.5456, 0.3640, 0.3333**, and **19.3028, 0.4727, 0.3282** is the 20% darker color. If you saturate the color by 10%, you get **34.9361, 0.4795, 0.3318**, and if you desaturate by 10%, it is **51.2511, 0.3979, 0.3309**.

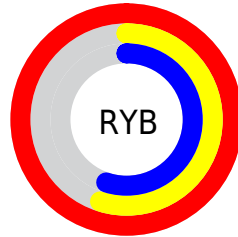
# Distribution



Red (100%)

Green (55%)

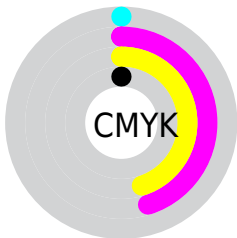
Blue (55%)



Red (100%)

Yellow (55%)

Blue (55%)

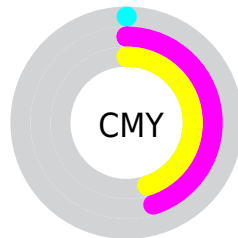


Cyan (0%)

Magenta (45%)

Yellow (45%)

Black (0%)



Cyan (0%)

Magenta (45%)


Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 42.1738, 0.4356, 0.3314 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 42.1738, 0.4356, 0.3314 by changing the saturation by 10% instead.





 42.1738, 0.4356,  
0.3314


 42.1738, 0.4356,  
0.3314

355.2029, 0.3726,  
0.3328


 29.2374, 0.4516,  
0.3302


 78.4626, 0.4125,  
0.3325

 19.2605, 0.4721,  
0.3281


 102.5838, 0.4038,  
0.3328

 11.8587, 0.4993,  
0.3245


 131.2020, 0.3966,  
0.3329

 6.6475, 0.5368,  
0.3178

164.7017, 0.3904,  
0.3330

 3.2426, 0.5907,  
0.3046

203.4673, 0.3850,  
0.3330

 1.2597, 0.7087,  
0.2913

247.8830, 0.3803,

 0.1097, 0.9155,

0.3329

0.0845

298.3335, 0.3762,  
0.3329

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

42.1738, 0.4356,  
0.3314

42.1738, 0.4356,  
0.3314

34.9361, 0.4795,  
0.3318

51.2511, 0.3979,  
0.3309

29.4217, 0.5274,  
0.3321

62.2930, 0.3669,  
0.3303

25.4848, 0.5739,  
0.3319

75.4014, 0.3419,  
0.3298

22.9600, 0.6115,  
0.3315

90.6742, 0.3219,  
0.3293

■ 21.6457, 0.6338,  
0.3307

100.0000, 0.3127,  
0.3290

■ 21.3539, 0.6393,  
0.3306

# Harmonies

## Analogous

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



42.1738, 0.3844, 0.2833



42.1738, 0.4356, 0.3314



42.1738, 0.4481, 0.3830

# Triad

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



42.1738, 0.4356, 0.3314



42.1738, 0.2991, 0.4375



42.1738, 0.2097, 0.2274

# Complementary

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



42.1738, 0.4356, 0.3314



82.9815, 0.2512, 0.3266

# 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.



42.1738, 0.1930, 0.2539



42.1738, 0.4356, 0.3314



42.1738, 0.2401, 0.3783

# Square

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



42.1738, 0.4356, 0.3314



42.1738, 0.3652, 0.4542



42.1738, 0.2030, 0.3072



42.1738, 0.2517, 0.2260



# Rectangle

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



42.1738, 0.4356, 0.3314



42.1738, 0.4335, 0.4152



42.1738, 0.2030, 0.3072



42.1738, 0.2012, 0.2333

# Sweetspot

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



42.1703, 0.4356, 0.3314



77.5272, 0.3386, 0.3297



46.8268, 0.3196, 0.2194



15.9353, 0.3434, 0.3298



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.



42.1703, 0.4356, 0.3314



35.2448, 0.4773, 0.3318



63.9449, 0.4055, 0.3910



18.0364, 0.3294, 0.3295



11.1792, 0.6389, 0.3309



1.1051, 0.6361, 0.3332



# Inverse Universe

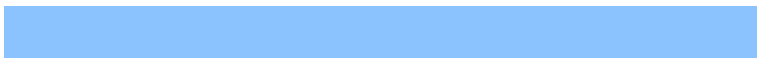
The Inverse Universe completely reimagines the original color for something new.



82.9815, 0.2512, 0.3266



80.8592, 0.2423, 0.3260



51.7750, 0.2387, 0.2562



20.4254, 0.2980, 0.3286



39.7413, 0.2232, 0.3236

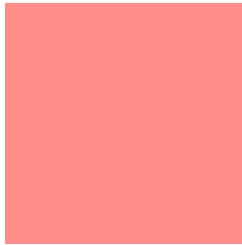


3.8857, 0.2234, 0.3242



# Previews

## White Background



This preview shows how the Yxy color 42.1738, 0.4356, 0.3314 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

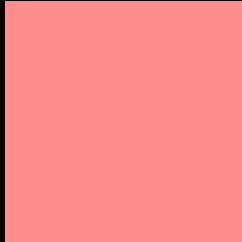
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 42.1738, 0.4356, 0.3314 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

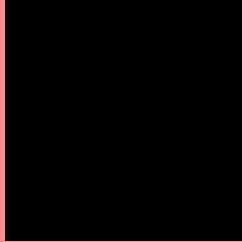
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 42.1738, 0.4356, 0.3314**

## Background



This preview shows how black text looks on a background with the Yxy color 42.1738, 0.4356, 0.3314.



This preview shows how white text looks on a background with the Yxy color 42.1738, 0.4356, 0.3314.

# 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

42.1738, 0.4356, 0.3314

### Protanopia

42.5837, 0.3361, 0.3548

### Deuteranopia

42.1960, 0.3786, 0.3713



## Tritanopia

42.2182, 0.4239, 0.3189

# Trichromacy



## Original Color

42.1738, 0.4356, 0.3314



## Protanomaly

41.5659, 0.3710, 0.3455



## Deuteranomaly

41.9193, 0.3994, 0.3555



## Tritanomaly

42.0915, 0.4284, 0.3231

# Monochromacy



## Original Color

42.1738, 0.4356, 0.3314



## Achromatopsia

42.8690, 0.3127, 0.3290



## Achromatomaly

41.6404, 0.3532, 0.3304

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 42.1738, 0.4356, 0.3314 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, 141, 139)` looks like.

```
.text, #text, p{  
    color:rgb(255, 141, 139)  
}
```

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, 141, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 141, 139) }
```

## Border

The CSS property to change the border of an element to Yxy 42.1738, 0.4356, 0.3314 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, 141, 139) }
```

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

```
.border{ border-color:rgb(255, 141, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 141, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 141, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 141, 139);  
box-shadow:4px 4px 4px 4px rgb(255, 141,  
139) }
```



# Background

The CSS property to change the background color of an element to Yxy 42.1738, 0.4356, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 141, 139) }
```

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

```
.background{ background-color: rgb(255,  
141, 139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor