

# Converting Colors

Yxy(54.9284, 0.4956, 0.3299)

Have a look what the booklet for  
Yxy(54.9284, 0.4956, 0.3299)  
contains.

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# Color

**Yxy(40.3372, 0.4432, 0.3294)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF8787
RGB	255, 135, 135
RGB Percent	100%, 53%, 53%
CMY	0.0001, 0.4705, 0.4706
CMYK	0.00, 0.47, 0.47, 0.00
HSL	0°, 100%, 76%
HSV	0°, 47%, 100%
XYZ	54.2728, 40.3372, 27.8466
YIQ	170.8800, 71.5200, 25.4400

# Conversions

## Conversions Part 2

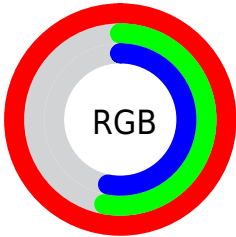
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 135, 135
Decimal	16746375
CIE <sub>Lab</sub>	69.71, 45.38, 20.82
CIE <sub>LCh</sub>	70, 49.926, 24.651
Yxy	40.3372, 0.4432, 0.3294
Android (android.graphics.Color)	4294936455 (0xFFFF8787)
YUV	170.8800, -17.6888, 73.7732
Hunter-Lab	63.5116, 41.3890, 18.4624

# Details

The Yxy color **40.3372, 0.4432, 0.3294** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.8678, 0.2501, 0.3288**, and the grayscale version is **40.7272, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.7178, 0.3689, 0.3313**, and **18.1598, 0.4826, 0.3258** is the 20% darker color. If you saturate the color by 10%, you get **33.4213, 0.4885, 0.3295**, and if you desaturate by 10%, it is **49.1323, 0.4040, 0.3293**.

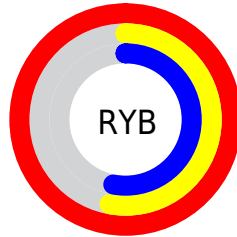
# Distribution



Red (100%)

Green (53%)

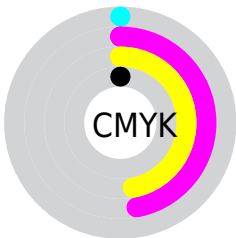
Blue (53%)



Red (100%)

Yellow (53%)

Blue (53%)

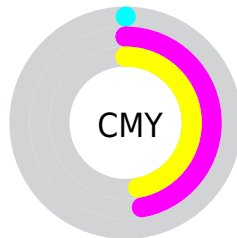


Cyan (0%)

Magenta (47%)

Yellow (47%)

Black (0%)



Cyan (0%)

Magenta (47%)


Yellow (47%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 40.3372, 0.4432, 0.3294 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 40.3372, 0.4432, 0.3294 by changing the saturation by 10% instead.





 40.3372, 0.4432,  
0.3294


 40.3372, 0.4432,  
0.3294


347.5428, 0.3759,  
0.3321


 27.8016, 0.4604,  
0.3278


 75.6767, 0.4184,  
0.3311

 18.1761, 0.4825,  
0.3251


 99.2494, 0.4092,  
0.3315

 11.0765, 0.5119,  
0.3204


 127.2698, 0.4014,  
0.3318

 6.1183, 0.5525,  
0.3121

160.1225, 0.3948,  
0.3320

 2.9172, 0.6107,  
0.2960

198.1917, 0.3891,  
0.3320

 1.0886, 0.7269,  
0.2731

241.8619, 0.3841,

 0.0000, 1.0000,

0.3321

0.0000


291.5174, 0.3797,  
0.3321


 0.0000, 0.0000,  
0.0000


 40.3372, 0.4432,  
0.3294


 40.3372, 0.4432,  
0.3294


 33.4213, 0.4885,  
0.3295

 49.1323, 0.4040,  
0.3293

 28.2423, 0.5371,  
0.3297


 59.9229, 0.3717,  
0.3292

 24.6479, 0.5828,  
0.3298


 72.8232, 0.3456,  
0.3291

 22.4567, 0.6178,  
0.3299

 87.9372, 0.3248,  
0.3290

 21.4372, 0.6366,  
0.3300

99.9969, 0.3127,  
0.3290

 21.2578, 0.6401,  
0.3300

# Harmonies

## Analogous

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



40.3372, 0.3874, 0.2791



40.3372, 0.4432, 0.3294



40.3372, 0.4573, 0.3838

# Triad

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



40.3372, 0.4432, 0.3294



40.3372, 0.2994, 0.4471



40.3372, 0.2027, 0.2215

# Complementary

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



40.3372, 0.4432, 0.3294



83.8678, 0.2501, 0.3288

# 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.



40.3372, 0.1859, 0.2497



40.3372, 0.4432, 0.3294



40.3372, 0.2365, 0.3838

# Square

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



40.3372, 0.4432, 0.3294



40.3372, 0.3696, 0.4628



40.3372, 0.1969, 0.3069



40.3372, 0.2461, 0.2197



# Rectangle

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



40.3372, 0.4432, 0.3294



40.3372, 0.4419, 0.4184



40.3372, 0.1969, 0.3069



40.3372, 0.1941, 0.2278

# Sweetspot

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



40.3393, 0.4432, 0.3294



77.2129, 0.3387, 0.3291



45.8038, 0.3181, 0.2144



15.8602, 0.3435, 0.3291



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.



40.3393, 0.4432, 0.3294



34.0717, 0.4835, 0.3295



62.0328, 0.4106, 0.3911



17.9875, 0.3295, 0.3291



11.1094, 0.6401, 0.3300



1.0818, 0.6400, 0.3300



# Inverse Universe

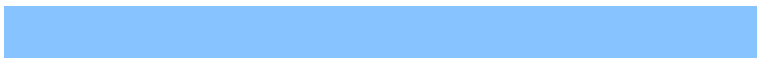
The Inverse Universe completely reimagines the original color for something new.



83.8678, 0.2501, 0.3288



82.1839, 0.2421, 0.3288



51.3964, 0.2366, 0.2558



20.4810, 0.2980, 0.3290



41.1305, 0.2246, 0.3287



4.0049, 0.2246, 0.3287



# Previews

## White Background



This preview shows how the Yxy color 40.3372, 0.4432, 0.3294 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 40.3372, 0.4432, 0.3294 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 40.3372, 0.4432, 0.3294**

## Background



This preview shows how black text looks on a background with the Yxy color 40.3372, 0.4432, 0.3294.



This preview shows how white text looks on a background with the Yxy color 40.3372, 0.4432, 0.3294.

# 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

40.3372, 0.4432, 0.3294

### Protanopia

40.4814, 0.3357, 0.3539

### Deuteranopia

40.5801, 0.3806, 0.3732



## Tritanopia

40.3238, 0.4335, 0.3190

# Trichromacy



**Original Color**

40.3372, 0.4432, 0.3294

**Protanomaly**

39.3111, 0.3728, 0.3432

**Deuteranomaly**

39.8206, 0.4040, 0.3545

**Tritanomaly**

40.2333, 0.4369, 0.3221

# Monochromacy



**Original Color**

40.3372, 0.4432, 0.3294

**Achromatopsia**

40.7240, 0.3127, 0.3290

**Achromatomaly**

39.4789, 0.3564, 0.3291

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 40.3372, 0.4432, 0.3294 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, 135, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 135, 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(255, 135, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 135, 135) }
```

## Border

The CSS property to change the border of an element to Yxy 40.3372, 0.4432, 0.3294 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, 135, 135) }
```

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

```
.border{ border-color:rgb(255, 135, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 135, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 135, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 135, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 135,  
135) }
```



# Background

The CSS property to change the background color of an element to Yxy 40.3372, 0.4432, 0.3294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 135, 135) }
```

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

```
.background{ background-color: rgb(255,  
135, 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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