

Converting Colors

$Y_{xy}(41.0861, 0.4392, 0.3294)$

Have a look what the booklet for
Yxy(41.0861, 0.4392, 0.3294)
contains.

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Color

Yxy(40.9575, 0.4399, 0.3294)

Conversions

Conversions Part 1

Format	Color
Hex	FF8989
RGB	255, 137, 137
RGB Percent	100%, 54%, 54%
CMY	0.0000, 0.4627, 0.4628
CMYK	0.00, 0.46, 0.46, 0.00
HSL	0°, 100%, 77%
HSV	0°, 46%, 100%
XYZ	54.6970, 40.9575, 28.6852
YIQ	172.2820, 70.3280, 25.0160

Conversions

Conversions Part 2

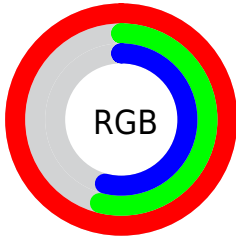
Format	Color
R _Y B	255, 137, 137
Decimal	16746889
CIE Lab	70.15, 44.57, 20.32
CIE LCh	70, 48.982, 24.504
Yxy	40.9575, 0.4399, 0.3294
Android (android.graphics.Color)	4294936969 (0xFFFF8989)
YUV	172.2820, -17.3940, 72.5437
Hunter-Lab	63.9980, 40.5615, 18.2237

Details

The Yxy color **40.9575, 0.4399, 0.3294** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.0310, 0.2508, 0.3288**, and the grayscale version is **41.4702, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.6770, 0.3667, 0.3312**, and **18.4981, 0.4778, 0.3257** is the 20% darker color. If you saturate the color by 10%, you get **33.8998, 0.4848, 0.3295**, and if you desaturate by 10%, it is **49.9043, 0.4013, 0.3293**.

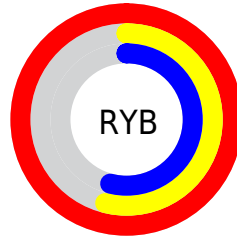
Distribution



Red (100%)

Green (54%)

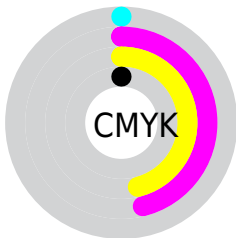
Blue (54%)



Red (100%)

Yellow (54%)

Blue (54%)

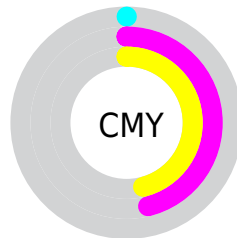


Cyan (0%)

Magenta (46%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (46%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9575, 0.4399, 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 40.9575, 0.4399, 0.3294 by changing the saturation by 10% instead.


 40.9575, 0.4399,
0.3294

 40.9575, 0.4399,
0.3294


350.1430, 0.3744,
0.3320


 28.2859, 0.4566,
0.3278

 76.6194, 0.4158,
0.3310

 18.5413, 0.4781,
0.3253


 100.3784, 0.4068,
0.3314

 11.3393, 0.5066,
0.3210


 128.6020, 0.3993,
0.3317

 6.2955, 0.5460,
0.3132

161.6747, 0.3928,
0.3318

 3.0256, 0.6026,
0.2980

199.9807, 0.3873,
0.3319

 1.1451, 0.7209,
0.2791

243.9045, 0.3824,

 0.0162, 0.9859,

0.3319

0.0141

293.8304, 0.3782,
0.3320

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

40.9575, 0.4399,
0.3294

40.9575, 0.4399,
0.3294

33.8998, 0.4848,
0.3295

49.9043, 0.4013,
0.3293

28.5900, 0.5333,
0.3297

60.8554, 0.3694,
0.3292

24.8776, 0.5795,
0.3298

73.9244, 0.3438,
0.3291

22.5837, 0.6156,
0.3299

89.2147, 0.3234,
0.3290

■ 21.4858, 0.6357,
0.3300

99.9976, 0.3127,
0.3290

■ 21.2589, 0.6401,
0.3300

Harmonies

Analogous

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



40.9575, 0.3853, 0.2800



40.9575, 0.4399, 0.3294



40.9575, 0.4540, 0.3828

Triad

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



40.9575, 0.4399, 0.3294



40.9575, 0.3002, 0.4442



40.9575, 0.2048, 0.2239

Complementary

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



40.9575, 0.4399, 0.3294



84.0310, 0.2508, 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.



40.9575, 0.1885, 0.2518



40.9575, 0.4399, 0.3294



40.9575, 0.2385, 0.3829

Square

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



40.9575, 0.4399, 0.3294



40.9575, 0.3689, 0.4595



40.9575, 0.1994, 0.3080



40.9575, 0.2474, 0.2218

Rectangle

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



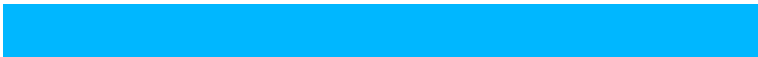
40.9575, 0.4399, 0.3294



40.9575, 0.4393, 0.4166



40.9575, 0.1994, 0.3080



40.9575, 0.1964, 0.2301

Sweetspot

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



40.9596, 0.4399, 0.3294



77.2144, 0.3387, 0.3291



46.3651, 0.3180, 0.2161



15.8606, 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.



40.9596, 0.4399, 0.3294



34.0743, 0.4835, 0.3295



62.5381, 0.4085, 0.3901



17.9878, 0.3295, 0.3291



11.1098, 0.6401, 0.3300



1.0820, 0.6400, 0.3300

Inverse Universe

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



84.0310, 0.2508, 0.3288



82.1765, 0.2421, 0.3288



52.0113, 0.2379, 0.2572



20.4807, 0.2980, 0.3290



41.1237, 0.2246, 0.3287



4.0043, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 40.9575, 0.4399, 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 40.9575, 0.4399, 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 40.9575, 0.4399, 0.3294

Background



This preview shows how black text looks on a background with the Yxy color 40.9575, 0.4399, 0.3294.



This preview shows how white text looks on a background with the Yxy color 40.9575, 0.4399, 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

40.9575, 0.4399, 0.3294

Protanopia

41.0426, 0.3347, 0.3524

Deuteranopia

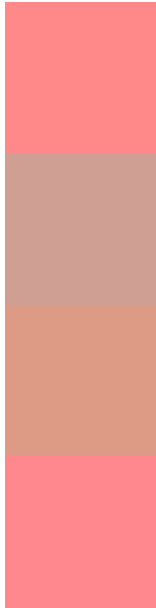
41.1328, 0.3793, 0.3717



Tritanopia

40.9436, 0.4303, 0.3190

Trichromacy



Original Color

40.9575, 0.4399, 0.3294

Protanomaly

40.1998, 0.3711, 0.3431

Deuteranomaly

40.5361, 0.4009, 0.3545

Tritanomaly

40.8515, 0.4337, 0.3221

Monochromacy



Original Color

40.9575, 0.4399, 0.3294

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

39.8560, 0.3552, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9575, 0.4399, 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, 137, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 137, 137)  
}
```

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, 137, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 137, 137) }
```

Border

The CSS property to change the border of an element to Yxy 40.9575, 0.4399, 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, 137, 137) }
```

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

```
.border{ border-color:rgb(255, 137, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 137, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 137, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 137, 137);  
box-shadow:4px 4px 4px 4px rgb(255, 137,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9575, 0.4399, 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, 137, 137) }
```

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

```
.background{ background-color: rgb(255,  
137, 137) }
```

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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