

Converting Colors

$Y_{xy}(40.7494, 0.4362, 0.3293)$

Have a look what the booklet for
Yxy(40.7494, 0.4362, 0.3293)
contains.

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Color

Yxy(40.8946, 0.4364, 0.3294)

Conversions

Conversions Part 1

Format	Color
Hex	FD8A8A
RGB	253, 138, 138
RGB Percent	99%, 54%, 54%
CMY	0.0079, 0.4587, 0.4589
CMYK	0.00, 0.45, 0.45, 0.01
HSL	0°, 97%, 77%
HSV	0°, 45%, 99%
XYZ	54.1785, 40.8946, 29.0756
YIQ	172.3850, 68.5400, 24.3800

Conversions

Conversions Part 2

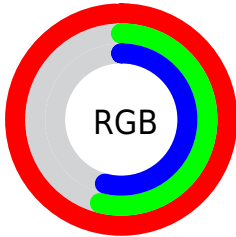
Format	Color
R _Y B	253, 138, 138
Decimal	16616074
CIE Lab	70.10, 43.44, 19.66
CIE LCh	70, 47.684, 24.350
Yxy	40.8946, 0.4364, 0.3294
Android (android.graphics.Color)	4294806154 (0xFFFD8A8A)
YUV	172.3850, -16.9518, 70.6994
Hunter-Lab	63.9489, 39.3175, 17.8068

Details

The Yxy color **40.8946, 0.4364, 0.3294** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.7093, 0.2517, 0.3288**, and the grayscale version is **41.5235, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.1615, 0.3656, 0.3312**, and **18.5390, 0.4743, 0.3257** is the 20% darker color. If you saturate the color by 10%, you get **33.8147, 0.4808, 0.3295**, and if you desaturate by 10%, it is **49.8386, 0.3983, 0.3293**.

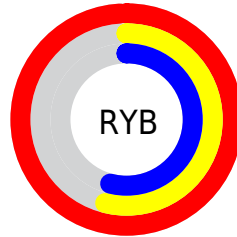
Distribution



Red (99%)

Green (54%)

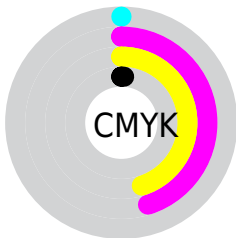
Blue (54%)



Red (99%)

Yellow (54%)

Blue (54%)

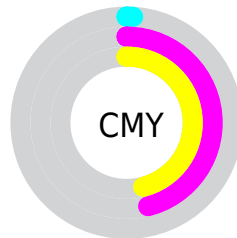


Cyan (0%)

Magenta (45%)

Yellow (45%)

Black (1%)



Cyan (1%)


Magenta (46%)


Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.8946, 0.4364, 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 40.8946, 0.4364, 0.3294 by changing the saturation by 10% instead.


 40.8946, 0.4364,
0.3294

 40.8946, 0.4364,
0.3294


349.8799, 0.3727,
0.3318


 28.2367, 0.4527,
0.3279

 76.5239, 0.4129,
0.3309

 18.5042, 0.4736,
0.3255


 100.2641, 0.4042,
0.3313

 11.3126, 0.5015,
0.3214


 128.4672, 0.3968,
0.3315

 6.2775, 0.5402,
0.3140

161.5175, 0.3906,
0.3317

 3.0145, 0.5960,
0.2996

199.7996, 0.3852,
0.3318

 1.1393, 0.7168,
0.2832

243.6978, 0.3805,

 0.0113, 0.9898,

0.3318

0.0102

293.5964, 0.3763,
0.3318

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

40.8946, 0.4364,
0.3294

40.8946, 0.4364,
0.3294

33.8147, 0.4808,
0.3295

49.8386, 0.3983,
0.3293

28.4618, 0.5292,
0.3297

60.7588, 0.3671,
0.3292

24.6899, 0.5758,
0.3298

73.7660, 0.3419,
0.3291

22.3262, 0.6131,
0.3299

88.9607, 0.3219,
0.3290

■ 21.1575, 0.6346,
0.3300

99.6196, 0.3115,
0.3290

■ 20.8814, 0.6401,
0.3300

Harmonies

Analogous

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



40.8946, 0.3831, 0.2810



40.8946, 0.4364, 0.3294



40.8946, 0.4506, 0.3817

Triad

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



40.8946, 0.4364, 0.3294



40.8946, 0.3011, 0.4410



40.8946, 0.2071, 0.2264

Complementary

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



40.8946, 0.4364, 0.3294



82.7093, 0.2517, 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.



40.8946, 0.1912, 0.2541



40.8946, 0.4364, 0.3294



40.8946, 0.2407, 0.3818

Square

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



40.8946, 0.4364, 0.3294



40.8946, 0.3682, 0.4561



40.8946, 0.2022, 0.3091



40.8946, 0.2487, 0.2241

Rectangle

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



40.8946, 0.4364, 0.3294



40.8946, 0.4366, 0.4147



40.8946, 0.2022, 0.3091



40.8946, 0.1989, 0.2326

Sweetspot

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



40.8967, 0.4364, 0.3294



77.2161, 0.3387, 0.3291



46.1423, 0.3179, 0.2179



15.8610, 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.



40.8967, 0.4364, 0.3294



34.7069, 0.4788, 0.3295



61.9611, 0.4063, 0.3891



17.9880, 0.3295, 0.3291



11.1102, 0.6401, 0.3300



1.0821, 0.6400, 0.3300

Inverse Universe

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



82.7093, 0.2517, 0.3288



82.3389, 0.2429, 0.3287



51.7396, 0.2392, 0.2588



20.4804, 0.2980, 0.3290



41.1162, 0.2246, 0.3286



4.0037, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 40.8946, 0.4364, 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 40.8946, 0.4364, 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 40.8946, 0.4364, 0.3294

Background



This preview shows how black text looks on a background with the Yxy color 40.8946, 0.4364, 0.3294.



This preview shows how white text looks on a background with the Yxy color 40.8946, 0.4364, 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

40.8946, 0.4364, 0.3294

Protanopia

41.0426, 0.3347, 0.3524

Deuteranopia

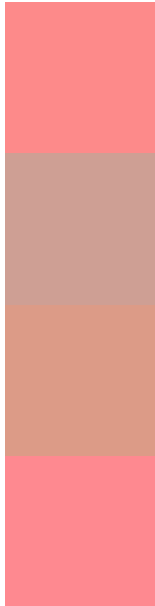
41.0212, 0.3774, 0.3705



Tritanopia

41.0687, 0.4277, 0.3189

Trichromacy



Original Color

40.8946, 0.4364, 0.3294

Protanomaly

40.0562, 0.3701, 0.3432

Deuteranomaly

40.4076, 0.3989, 0.3534

Tritanomaly

40.9758, 0.4311, 0.3221

Monochromacy



Original Color

40.8946, 0.4364, 0.3294

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.0972, 0.3530, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.8946, 0.4364, 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(253, 138, 138)` looks like.

```
.text, #text, p{  
    color:rgb(253, 138, 138)  
}
```

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(253, 138, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 138, 138) }
```

Border

The CSS property to change the border of an element to Yxy 40.8946, 0.4364, 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(253, 138, 138) }
```

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

```
.border{ border-color:rgb(253, 138, 138) }
```

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

Here you see how a box with a 4 pixel rgb(253, 138, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 138, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 138, 138);  
box-shadow:4px 4px 4px 4px rgb(253, 138,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 40.8946, 0.4364, 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(253, 138, 138) }
```

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

```
.background{ background-color: rgb(253,  
138, 138) }
```

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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