

Converting Colors

$Y_{xy}(49.9087, 0.4737, 0.3357)$

Have a look what the booklet for
Yxy(49.9087, 0.4737, 0.3357)
contains.

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Color

Yxy(42.0310, 0.4410, 0.3366)

Conversions

Conversions Part 1

Format	Color
Hex	FF8D86
RGB	255, 141, 134
RGB Percent	100%, 55%, 53%
CMY	0.0000, 0.4470, 0.4744
CMYK	0.00, 0.45, 0.47, 0.00
HSL	3°, 100%, 76%
HSV	3°, 47%, 100%
XYZ	55.0674, 42.0310, 27.7709
YIQ	174.2880, 70.1910, 21.9910

Conversions

Conversions Part 2

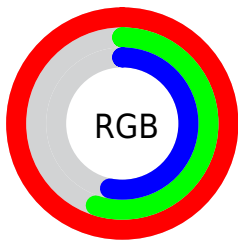
Format	Color
R _Y B	255, 141, 134
Decimal	16747910
CIE Lab	70.89, 42.29, 22.98
CIE LCh	71, 48.130, 28.518
Yxy	42.0310, 0.4410, 0.3366
Android (android.graphics.Color)	4294937990 (0xFFFF8D86)
YUV	174.2880, -19.8620, 70.7844
Hunter-Lab	64.8313, 38.1621, 19.9847

Details

The Yxy color **42.0310, 0.4410, 0.3366** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79.4259, 0.2482, 0.3208**, and the grayscale version is **42.5626, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.3277, 0.3681, 0.3385**, and **19.0889, 0.4791, 0.3346** is the 20% darker color. If you saturate the color by 10%, you get **35.0714, 0.4846, 0.3377**, and if you desaturate by 10%, it is **50.7031, 0.4032, 0.3351**.

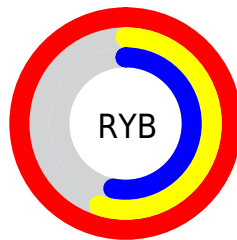
Distribution



Red (100%)

Green (55%)

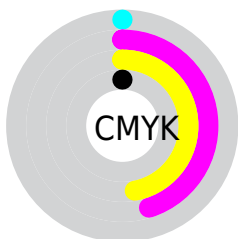
Blue (53%)



Red (100%)

Yellow (55%)

Blue (53%)

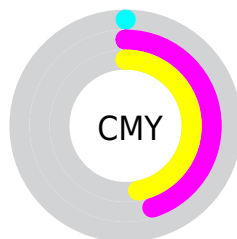


Cyan (0%)

Magenta (45%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.0310, 0.4410, 0.3366 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 42.0310, 0.4410, 0.3366 by changing the saturation by 10% instead.


 42.0310, 0.4410,
0.3366


 42.0310, 0.4410,
0.3366


354.6114, 0.3752,
0.3358

 29.1256, 0.4576,
0.3358


 78.2465, 0.4169,
0.3370

 19.1758, 0.4789,
0.3342


 102.3254, 0.4079,
0.3370

 11.7974, 0.5071,
0.3310


 130.8976, 0.4003,
0.3368

 6.6059, 0.5457,
0.3247

164.3475, 0.3938,
0.3366

 3.2169, 0.6004,
0.3114

203.0594, 0.3882,
0.3364

 1.2460, 0.7073,
0.2927

247.4177, 0.3833,

 0.0988, 0.9215,

0.3362

0.0785

297.8070, 0.3790,
0.3360

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 42.0310, 0.4410,
0.3366

■ 42.0310, 0.4410,
0.3366

■ 35.0714, 0.4846,
0.3377

■ 50.7031, 0.4032,
0.3351

■ 29.7050, 0.5316,
0.3380

■ 61.1838, 0.3717,
0.3334

■ 25.8074, 0.5765,
0.3373

■ 73.5700, 0.3461,
0.3317

■ 23.2329, 0.6125,
0.3353

■ 87.9495, 0.3254,
0.3301

■ 21.8051, 0.6337,
0.3326

99.9989, 0.3127,
0.3290

■ 21.5931, 0.6372,
0.3323

Harmonies

Analogous

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



42.0310, 0.3923, 0.2872



42.0310, 0.4410, 0.3366



42.0310, 0.4491, 0.3889

Triad

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



42.0310, 0.4410, 0.3366



42.0310, 0.2919, 0.4351



42.0310, 0.2114, 0.2246

Complementary

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



42.0310, 0.4410, 0.3366



79.4259, 0.2482, 0.3208

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.



42.0310, 0.1918, 0.2486



42.0310, 0.4410, 0.3366



42.0310, 0.2338, 0.3716

Square

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



42.0310, 0.4410, 0.3366



42.0310, 0.3592, 0.4569



42.0310, 0.1990, 0.2999



42.0310, 0.2564, 0.2256

Rectangle

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



42.0310, 0.4410, 0.3366



42.0310, 0.4316, 0.4210



42.0310, 0.1990, 0.2999



42.0310, 0.2020, 0.2297

Sweetspot

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



42.0332, 0.4410, 0.3366



78.2952, 0.3384, 0.3312



45.1502, 0.3233, 0.2184



16.1191, 0.3431, 0.3315



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.



42.0332, 0.4410, 0.3366



35.3468, 0.4826, 0.3377



64.5466, 0.4084, 0.3975



18.1554, 0.3293, 0.3304



11.3494, 0.6361, 0.3331



1.1616, 0.6268, 0.3405

Inverse Universe

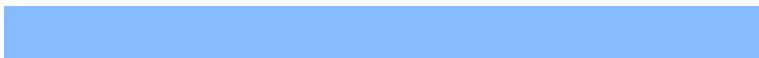
The Inverse Universe completely reimagines the original color for something new.



79.4259, 0.2482, 0.3208



76.7898, 0.2391, 0.3189



48.4516, 0.2346, 0.2473



20.2909, 0.2980, 0.3276



36.4949, 0.2197, 0.3108



3.6059, 0.2203, 0.3130

Previews

White Background



This preview shows how the Yxy color 42.0310, 0.4410, 0.3366 looks on a white background.

Color Contrast Check

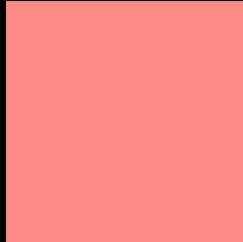
Large Text (above 18pt) WCAG AA × Fail

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 42.0310, 0.4410, 0.3366 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 42.0310, 0.4410, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 42.0310, 0.4410, 0.3366.



This preview shows how white text looks on a background with the Yxy color 42.0310, 0.4410, 0.3366.

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

42.0310, 0.4410, 0.3366

Protanopia

42.1243, 0.3425, 0.3616

Deuteranopia

42.2015, 0.3842, 0.3774



Tritanopia

41.8952, 0.4255, 0.3189

Trichromacy



Original Color

42.0310, 0.4410, 0.3366

Protanomaly

41.0587, 0.3763, 0.3506

Deuteranomaly

41.7804, 0.4044, 0.3614

Tritanomaly

42.0298, 0.4306, 0.3252

Monochromacy



Original Color

42.0310, 0.4410, 0.3366

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.0404, 0.3554, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0310, 0.4410, 0.3366 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, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 141, 134)  
}
```

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, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 141, 134) }
```

Border

The CSS property to change the border of an element to Yxy 42.0310, 0.4410, 0.3366 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, 134) }
```

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

```
.border{ border-color:rgb(255, 141, 134) }
```

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, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 141, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 141, 134);  
box-shadow:4px 4px 4px 4px rgb(255, 141,  
134) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 42.0310, 0.4410, 0.3366$ 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, 134) }
```

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

```
.background{ background-color: rgb(255,  
141, 134) }
```

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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