

Converting Colors

$Y_{xy}(44.9707, 0.4490, 0.3380)$

Have a look what the booklet for
Yxy(44.9707, 0.4490, 0.3380)
contains.

Yxy(42.6542, 0.4388, 0.3377)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.6542, 0.4388, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	FF8F87
RGB	255, 143, 135
RGB Percent	100%, 56%, 53%
CMY	0.0002, 0.4391, 0.4706
CMYK	0.00, 0.44, 0.47, 0.00
HSL	4°, 100%, 76%
HSV	4°, 47%, 100%
XYZ	55.4239, 42.6542, 28.2298
YIQ	175.5760, 69.3200, 21.2560

Conversions

Conversions Part 2

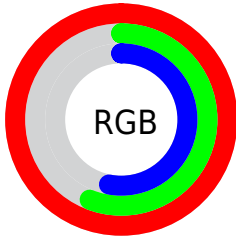
Format	Color
R _Y B	255, 144, 135
Decimal	16748423
CIE Lab	71.32, 41.35, 23.02
CIE LCh	71, 47.323, 29.108
Yxy	42.6542, 0.4388, 0.3377
Android (android.graphics.Color)	4294938503 (0xFFFF8F87)
YUV	175.5760, -20.0040, 69.6548
Hunter-Lab	65.3102, 37.1870, 20.0895

Details

The Yxy color **42.6542, 0.4388, 0.3377** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **78.8376, 0.2484, 0.3196**, and the grayscale version is **43.2657, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.2790, 0.3668, 0.3396**, and **19.5703, 0.4770, 0.3358** is the 20% darker color. If you saturate the color by 10%, you get **35.6197, 0.4819, 0.3390**, and if you desaturate by 10%, it is **51.3791, 0.4015, 0.3359**.

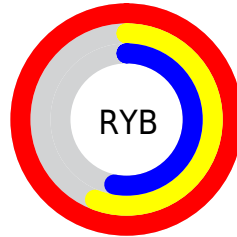
Distribution



Red (100%)

Green (56%)

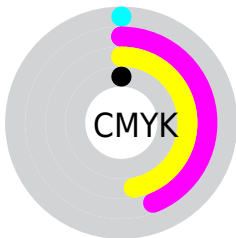
Blue (53%)



Red (100%)

Yellow (56%)

Blue (53%)

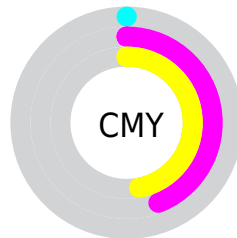


Cyan (0%)

Magenta (44%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (44%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.6542, 0.4388, 0.3377 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 42.6542, 0.4388, 0.3377 by changing the saturation by 10% instead.

 42.6542, 0.4388,
0.3377


 42.6542, 0.4388,
0.3377


357.1877, 0.3743,
0.3362

 29.6139, 0.4551,
0.3371


 79.1888, 0.4152,
0.3379

 19.5457, 0.4759,
0.3358


 103.4518, 0.4064,
0.3377

 12.0653, 0.5034,
0.3330


 132.2246, 0.3989,
0.3375

 6.7881, 0.5410,
0.3272

165.8914, 0.3925,
0.3373

 3.3300, 0.5944,
0.3148

204.8368, 0.3870,
0.3370

 1.3063, 0.7010,
0.2990

249.4450, 0.3823,

 0.1461, 0.8904,

0.3367

0.1096

300.1005, 0.3780,
0.3365

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

42.6542, 0.4388,
0.3377

42.6542, 0.4388,
0.3377

35.6197, 0.4819,
0.3390

51.3791, 0.4015,
0.3359

30.1600, 0.5285,
0.3394

61.8871, 0.3704,
0.3340

26.1556, 0.5735,
0.3386

74.2721, 0.3451,
0.3321

23.4668, 0.6101,
0.3365

88.6193, 0.3247,
0.3302

■ 21.9261, 0.6324,
0.3333

99.9922, 0.3127,
0.3290

■ 21.6560, 0.6366,
0.3328

Harmonies

Analogous

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



42.6542, 0.3918, 0.2890



42.6542, 0.4388, 0.3377



42.6542, 0.4461, 0.3890

Triad

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



42.6542, 0.4388, 0.3377



42.6542, 0.2912, 0.4316



42.6542, 0.2139, 0.2264

Complementary

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



42.6542, 0.4388, 0.3377



78.8376, 0.2484, 0.3196

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.



42.6542, 0.1942, 0.2496



42.6542, 0.4388, 0.3377



42.6542, 0.2345, 0.3693

Square

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



42.6542, 0.4388, 0.3377



42.6542, 0.3572, 0.4541



42.6542, 0.2008, 0.2995



42.6542, 0.2587, 0.2278

Rectangle

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



42.6542, 0.4388, 0.3377



42.6542, 0.4286, 0.4202



42.6542, 0.2008, 0.2995



42.6542, 0.2045, 0.2312

Sweetspot

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



42.6564, 0.4388, 0.3377



78.4701, 0.3384, 0.3315



45.2906, 0.3250, 0.2208



16.1610, 0.3431, 0.3319



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.



42.6564, 0.4388, 0.3377



36.2979, 0.4772, 0.3389



65.7003, 0.4064, 0.3989



18.1824, 0.3293, 0.3307



11.3921, 0.6354, 0.3337



1.1744, 0.6248, 0.3421

Inverse Universe

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



78.8376, 0.2484, 0.3196



76.2409, 0.2397, 0.3176



47.8984, 0.2347, 0.2455



20.2605, 0.2980, 0.3273



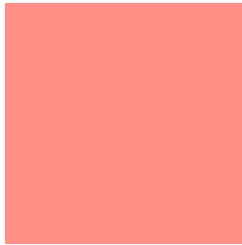
35.7839, 0.2189, 0.3079



3.5444, 0.2196, 0.3105

Previews

White Background



This preview shows how the Yxy color 42.6542, 0.4388, 0.3377 looks on a white background.

Color Contrast Check

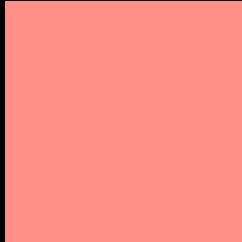
Large Text (above 18pt) WCAG AA × Fail

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 42.6542, 0.4388, 0.3377 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 42.6542, 0.4388, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 42.6542, 0.4388, 0.3377.



This preview shows how white text looks on a background with the Yxy color 42.6542, 0.4388, 0.3377.

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

42.6542, 0.4388, 0.3377

Protanopia

43.0523, 0.3421, 0.3628

Deuteranopia

42.9094, 0.3839, 0.3758



Tritanopia

42.5441, 0.4224, 0.3189

Trichromacy



Original Color

42.6542, 0.4388, 0.3377

Protanomaly

41.9404, 0.3756, 0.3517

Deuteranomaly

42.3095, 0.4039, 0.3613

Tritanomaly

42.6503, 0.4285, 0.3262

Monochromacy



Original Color

42.6542, 0.4388, 0.3377

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.1033, 0.3549, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6542, 0.4388, 0.3377 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, 143, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 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, 143, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 135) }
```

Border

The CSS property to change the border of an element to Yxy 42.6542, 0.4388, 0.3377 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, 143, 135) }
```

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

```
.border{ border-color:rgb(255, 143, 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, 143, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6542, 0.4388, 0.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 143, 135) }
```

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

```
.background{ background-color: rgb(255,  
143, 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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