

Converting Colors

$Y_{xy}(44.5958, 0.4339, 0.3463)$

Have a look what the booklet for
Yxy(44.5958, 0.4339, 0.3463)
contains.

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Color

Yxy(44.4166, 0.4342, 0.3461)

Conversions

Conversions Part 1

Format	Color
Hex	FD9686
RGB	253, 150, 134
RGB Percent	99%, 59%, 53%
CMY	0.0078, 0.4118, 0.4745
CMYK	0.00, 0.41, 0.47, 0.01
HSL	8°, 97%, 76%
HSV	8°, 47%, 99%
XYZ	55.7229, 44.4166, 28.1951
YIQ	178.9730, 66.5240, 16.8600

Conversions

Conversions Part 2

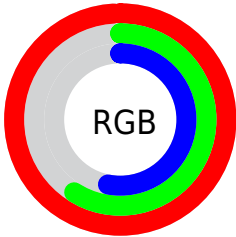
Format	Color
R _Y B	253, 152, 134
Decimal	16619142
CIE Lab	72.51, 36.98, 25.12
CIE LCh	73, 44.706, 34.185
Yxy	44.4166, 0.4342, 0.3461
Android (android.graphics.Color)	4294809222 (0xFFFD9686)
YUV	178.9730, -22.1717, 64.9217
Hunter-Lab	66.6458, 32.6146, 21.5689

Details

The Yxy color **44.4166, 0.4342, 0.3461** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **72.7510, 0.2467, 0.3102**, and the grayscale version is **45.1594, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5105, 0.3657, 0.3478**, and **20.5269, 0.4701, 0.3463** is the 20% darker color. If you saturate the color by 10%, you get **37.4462, 0.4749, 0.3488**, and if you desaturate by 10%, it is **52.8669, 0.3988, 0.3426**.

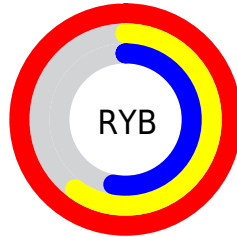
Distribution



Red (99%)

Green (59%)

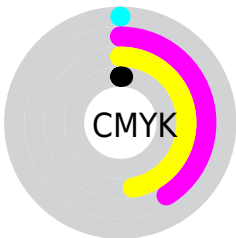
Blue (53%)



Red (99%)

Yellow (60%)

Blue (53%)

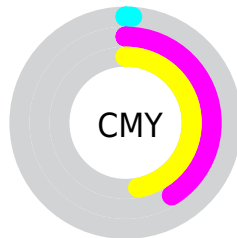


Cyan (0%)

Magenta (41%)

Yellow (47%)

Black (1%)



Cyan (1%)


Magenta (41%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4166, 0.4342, 0.3461 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 44.4166, 0.4342, 0.3461 by changing the saturation by 10% instead.


 44.4166, 0.4342,
0.3461

 44.4166, 0.4342,
0.3461


364.4056, 0.3725,
0.3404


 30.9982, 0.4496,
0.3466


 81.8443, 0.4117,
0.3447

 20.5974, 0.4693,
0.3465


 106.6223, 0.4033,
0.3440

 12.8301, 0.4951,
0.3455


 135.9556, 0.3961,
0.3433

 7.3116, 0.5302,
0.3422

170.2286, 0.3900,
0.3427

 3.6577, 0.5794,
0.3334

209.8257, 0.3848,
0.3420

 1.4840, 0.6767,
0.3233

255.1313, 0.3801,

 0.2774, 0.8135,

0.3415

0.1865

306.5298, 0.3761,
0.3409

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.4166, 0.4342,
0.3461

44.4166, 0.4342,
0.3461

37.4462, 0.4749,
0.3488

52.8669, 0.3988,
0.3426

31.8637, 0.5191,
0.3499

62.8685, 0.3690,
0.3388

27.5774, 0.5626,
0.3489

74.4967, 0.3445,
0.3350

24.4814, 0.5997,
0.3452

87.8194, 0.3245,
0.3314

■ 22.4523, 0.6248,
0.3394

99.6259, 0.3115,
0.3290

■ 22.0288, 0.6301,
0.3379

Harmonies

Analogous

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



44.4166, 0.3959, 0.2990



44.4166, 0.4342, 0.3461



44.4166, 0.4348, 0.3940

Triad

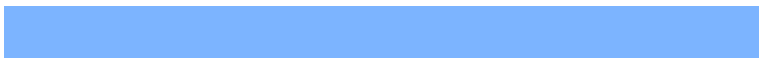
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.4166, 0.4342, 0.3461



44.4166, 0.2831, 0.4161



44.4166, 0.2255, 0.2312

Complementary

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



44.4166, 0.4342, 0.3461



72.7510, 0.2467, 0.3102

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.



44.4166, 0.2026, 0.2494



44.4166, 0.4342, 0.3461



44.4166, 0.2326, 0.3553

Square

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



44.4166, 0.4342, 0.3461



44.4166, 0.3446, 0.4448



44.4166, 0.2047, 0.2924



44.4166, 0.2715, 0.2359

Rectangle

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



44.4166, 0.4342, 0.3461



44.4166, 0.4151, 0.4216



44.4166, 0.2047, 0.2924



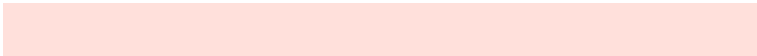
44.4166, 0.2151, 0.2346

Sweetspot

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



44.4188, 0.4342, 0.3461



79.7524, 0.3380, 0.3339



44.0630, 0.3321, 0.2274



16.4685, 0.3426, 0.3347



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.



44.4188, 0.4342, 0.3461



38.7687, 0.4706, 0.3486



68.3964, 0.4023, 0.4064



18.3802, 0.3291, 0.3323



11.8337, 0.6283, 0.3393



1.2675, 0.6107, 0.3533

Inverse Universe

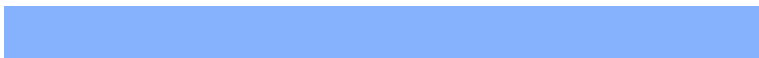
The Inverse Universe completely reimagines the original color for something new.



72.7510, 0.2467, 0.3102



70.5663, 0.2372, 0.3060



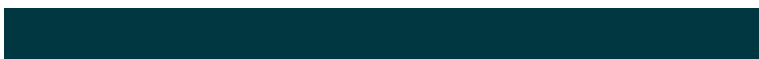
43.8634, 0.2329, 0.2353



20.0408, 0.2980, 0.3257



30.8872, 0.2127, 0.2858



3.1176, 0.2142, 0.2912

Previews

White Background



This preview shows how the Yxy color 44.4166, 0.4342, 0.3461 looks on a white background.

Color Contrast Check

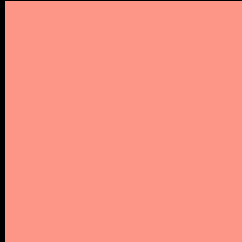
Large Text (above 18pt) WCAG AA × Fail

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 44.4166, 0.4342, 0.3461 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 44.4166, 0.4342, 0.3461

Background



This preview shows how black text looks on a background with the Yxy color 44.4166, 0.4342, 0.3461.



This preview shows how white text looks on a background with the Yxy color 44.4166, 0.4342, 0.3461.

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

44.4166, 0.4342, 0.3461

Protanopia

44.7662, 0.3487, 0.3701

Deuteranopia

44.5864, 0.3873, 0.3799



Tritanopia

44.5618, 0.4132, 0.3188

Trichromacy



Original Color

44.4166, 0.4342, 0.3461

Protanomaly

43.9553, 0.3785, 0.3614

Deuteranomaly

44.0018, 0.4048, 0.3668

Tritanomaly

44.4206, 0.4204, 0.3283

Monochromacy



Original Color

44.4166, 0.4342, 0.3461

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

43.7714, 0.3530, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4166, 0.4342, 0.3461 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, 150, 134)` looks like.

```
.text, #text, p{  
    color:rgb(253, 150, 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(253, 150, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 150, 134) }
```

Border

The CSS property to change the border of an element to Yxy 44.4166, 0.4342, 0.3461 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, 150, 134) }
```

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

```
.border{ border-color:rgb(253, 150, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 150, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 150, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 150, 134);  
box-shadow:4px 4px 4px 4px rgb(253, 150,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4166, 0.4342, 0.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 150, 134) }
```

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

```
.background{ background-color: rgb(253,  
150, 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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