

Converting Colors

$Y_{xy}(44.6994, 0.4239, 0.3522)$

Have a look what the booklet for
Yxy(44.6994, 0.4239, 0.3522)
contains.

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Color

Yxy(44.5764, 0.4241, 0.3521)

Conversions

Conversions Part 1	
Format	Color
Hex	F59B86
RGB	245, 155, 134
RGB Percent	96%, 61%, 53%
CMY	0.0391, 0.3922, 0.4745
CMYK	0.00, 0.37, 0.45, 0.04
HSL	11°, 85%, 74%
HSV	11°, 45%, 96%
XYZ	53.6917, 44.5764, 28.3334
YIQ	179.5160, 60.3810, 12.5490

Conversions

Conversions Part 2

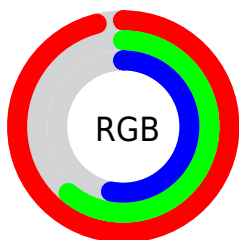
Format	Color
RYB	245, 160, 134
Decimal	16096134
CIELab	72.61, 31.38, 25.09
CIELCh	73, 40.178, 38.650
Yxy	44.5764, 0.4241, 0.3521
Android (android.graphics.Color)	4294286214 (0xFFFF59B86)
YUV	179.5160, -22.4394, 57.4295
Hunter-Lab	66.7656, 26.7069, 21.5749

Details

The Yxy color **44.5764, 0.4241, 0.3521** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.0138, 0.2474, 0.3035**, and the grayscale version is **45.4686, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.9410, 0.3644, 0.3529**, and **20.7797, 0.4566, 0.3554** is the 20% darker color. If you saturate the color by 10%, you get **37.8929, 0.4620, 0.3562**, and if you desaturate by 10%, it is **52.5116, 0.3912, 0.3471**.

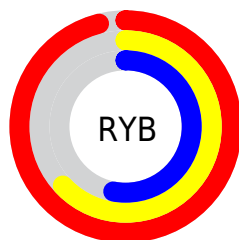
Distribution



Red (96%)

Green (61%)

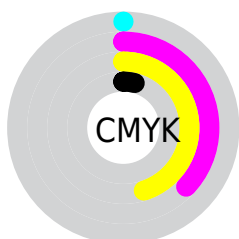
Blue (53%)



Red (96%)

Yellow (63%)

Blue (53%)

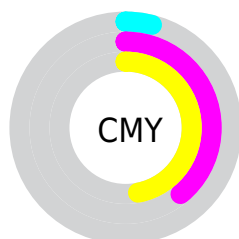


Cyan (0%)

Magenta (37%)

Yellow (45%)

Black (4%)



Cyan (4%)

Magenta (39%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5764, 0.4241, 0.3521 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 44.5764, 0.4241, 0.3521 by changing the saturation by 10% instead.


 44.5764, 0.4241,
0.3521

 44.5764, 0.4241,
0.3521


365.0553, 0.3675,
0.3430

 31.1239, 0.4382,
0.3535


 82.0844, 0.4035,
0.3494

 20.6932, 0.4563,
0.3548


 106.9087, 0.3957,
0.3482

 12.8999, 0.4801,
0.3555


 136.2923, 0.3892,
0.3471

 7.3597, 0.5124,
0.3547

170.6198, 0.3836,
0.3462

 3.6880, 0.5581,
0.3498

210.2754, 0.3788,
0.3453

 1.5006, 0.6523,
0.3477


255.6436, 0.3746,


 0.2892, 0.7852,

0.3444


0.2148


307.1087, 0.3708,
0.3437


 0.0000, 0.0000,
0.0000

 44.5764, 0.4241,
0.3521


 44.5764, 0.4241,
0.3521


 37.8929, 0.4620,
0.3562


 52.5116, 0.3912,
0.3471


 32.3901, 0.5035,
0.3587


 61.7514, 0.3635,
0.3417

 27.9999, 0.5456,
0.3584


 72.3538, 0.3404,
0.3365


 24.6445, 0.5835,
0.3547

 84.3713, 0.3214,
0.3315

 22.2351, 0.6121,
0.3478

 97.7542, 0.3066,
0.3284

 21.3956, 0.6221,
0.3443

 98.1596, 0.3066,
0.3290

Harmonies

Analogous

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



44.5764, 0.3943, 0.3083



44.5764, 0.4241, 0.3521



44.5764, 0.4201, 0.3948

Triad

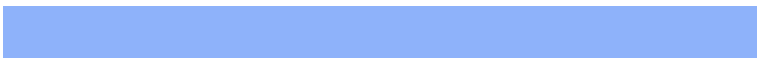
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.5764, 0.4241, 0.3521



44.5764, 0.2787, 0.3996



44.5764, 0.2387, 0.2396

Complementary

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



44.5764, 0.4241, 0.3521



65.0138, 0.2474, 0.3035

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.



44.5764, 0.2142, 0.2534



44.5764, 0.4241, 0.3521



44.5764, 0.2352, 0.3440

Square

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



44.5764, 0.4241, 0.3521



44.5764, 0.3339, 0.4308



44.5764, 0.2128, 0.2896



44.5764, 0.2835, 0.2465

Rectangle

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



44.5764, 0.4241, 0.3521



44.5764, 0.4000, 0.4178



44.5764, 0.2128, 0.2896



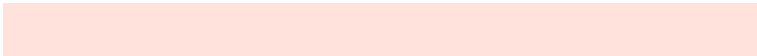
44.5764, 0.2281, 0.2417

Sweetspot

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



44.5786, 0.4241, 0.3521



80.8062, 0.3378, 0.3358



41.8930, 0.3364, 0.2359



16.7218, 0.3423, 0.3369



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.



44.5786, 0.4241, 0.3521



42.2887, 0.4572, 0.3558



67.1761, 0.3956, 0.4089



16.9888, 0.3289, 0.3335



11.6693, 0.6197, 0.3461



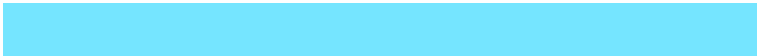
1.1603, 0.5972, 0.3640

Inverse Universe

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



65.0138, 0.2474, 0.3035



67.0573, 0.2373, 0.2977



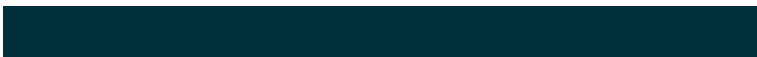
40.1048, 0.2348, 0.2323



18.1945, 0.2980, 0.3244



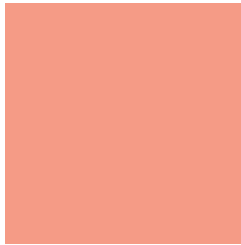
25.6822, 0.2076, 0.2673



2.3913, 0.2100, 0.2759

Previews

White Background



This preview shows how the Yxy color 44.5764, 0.4241, 0.3521 looks on a white background.

Color Contrast Check

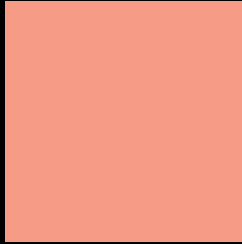
Large Text (above 18pt) WCAG AA × Fail

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 44.5764, 0.4241, 0.3521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

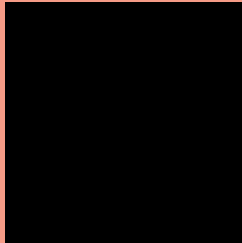
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.5764, 0.4241, 0.3521

Background



This preview shows how black text looks on a background with the Yxy color 44.5764, 0.4241, 0.3521.



This preview shows how white text looks on a background with the Yxy color 44.5764, 0.4241, 0.3521.

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

44.5764, 0.4241, 0.3521

Protanopia

44.7039, 0.3504, 0.3728

Deuteranopia

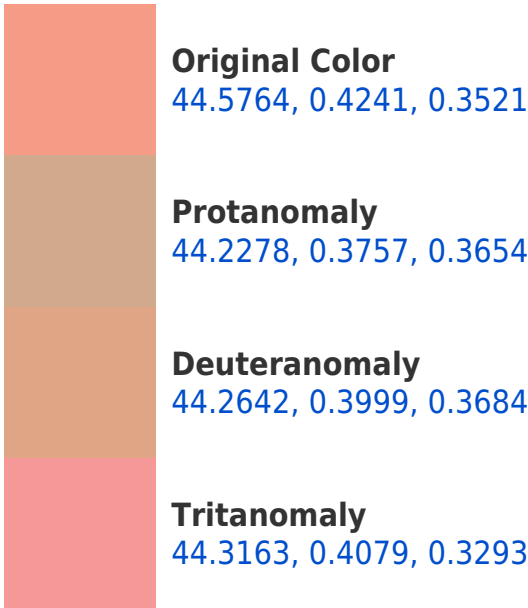
44.6134, 0.3864, 0.3787



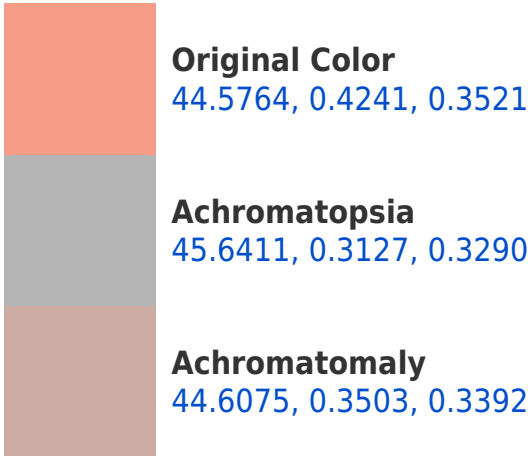
Tritanopia

44.5160, 0.3988, 0.3173

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5764, 0.4241, 0.3521 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(245, 155, 134) looks like.

```
.text, #text, p{  
    color:rgb(245, 155, 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(245, 155, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 155, 134) }
```

Border

The CSS property to change the border of an element to Yxy 44.5764, 0.4241, 0.3521 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(245, 155, 134) }
```

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

```
.border{ border-color:rgb(245, 155, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 155, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 155, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 155, 134);  
box-shadow:4px 4px 4px 4px rgb(245, 155,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5764, 0.4241, 0.3521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 155, 134) }
```

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

```
.background{ background-color: rgb(245,  
155, 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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